

20001110.qrp v02_n002.qrl.20001110

Date: Fri, 10 Nov 2000 19:03:14 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2002

QRP-L Digest 2002

Topics covered in this issue include:

- 1) [83649] OT: Trickle charger controller for station battery bank?
by Allan G Taylor <k7gt@qsl.net>
- 2) [83650] More Yaesu FT-817 info in December QST ad
by "Bruce Prior" <n7rr@hotmail.com>
- 3) [83651] Fw: Patcomm Radio.....
by "Walter D Amos" <waltk8cv@surfree.com>
- 4) [83652] Re: General Log s/w w/QRP?
by "Anthony A. Luscre" <aluscre@neo.rr.com>
- 5) [83653] Re: Contest: QRPDUPE: Reminder
by Bob Nielsen <nielsen@oz.net>
- 6) [83654] Re: More Yaesu FT-817 info in December QST ad
by "Tim R. Havens" <n1rz@timhavens.com>
- 7) [83655] The Ten Tec handmike, as candidate for Elecraft K2 use
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 8) [83656] Re: Contest: QRPDUPE: Reminder
by Bob Hightower <nk7m@extremezone.com>
- 9) [83657] Re: More Yaesu FT-817 info in December QST ad
by Phil Wheeler <w7ox@earthlink.net>
- 10) [83658] CQ: AL, MS, WY, New England!
by "Steve McDonald" <jsm@gulfislands.com>
- 11) [83659] PSK-80 builders please post to eHAM
by Ken Hopper <khopper@uchicago.edu>
- 12) [83660] FOX- GOT HIM....
by N10DL@aol.com
- 13) [83661] FOX Another Lucky Break
by "Karl F. Larsen" <k5di@zianet.com>
- 14) [83662] OT FOX MEAT!!!
by Brian <brian@iquest.net>
- 15) [83663] (FOX) - KK6MC
by "James R. Duffey" <jamesd1@flash.net>
- 16) [83664] Truffle Hunt- log
by N10DL@aol.com
- 17) [83665] FOX-K0RC A-1 in my book
by Ken Newman <N2CQ@citnet.com>
- 18) [83666] FOX- BD x 2
by "Anthony A. Luscre" <aluscre@neo.rr.com>
- 19) [83667] Mac Tool Plier Set

- by "Glenn Maclean" <glennmaclean@ix.netcom.com>
- 20) [83668] FOX - K0PC best Fox yet!
by Joe Smith <joe@joesmith.net>
- 21) [83669] Keyer
by mugglesto@megsinet.net
- 22) [83670] Cub fox, stuck slug, ss....
by John Farler <jfarler@mis.net>
- 23) [83671] FOX -
by hamjoel@juno.com
- 24) [83672] FOX- Fresh Meat At Last!!! :-)
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 25) [83673] Re: Contest: QRPDUPE: Reminder
by Bob Nielsen <nielsen@oz.net>
- 26) [83674] For Sale- NC20
by Paul Womble <pwomble1@tampabay.rr.com>
- 27) [83675] Re: PROTON EVENT WARNING - 30m Thurs Night
by aweiss@usd.edu
- 28) [83676] OT: Tandem Match questions ...
by "Tom Scott" <TomRScott@Sterlink.net>
- 29) [83677] QRP gets good press in latest NCJ
by "K7FD-N7SG" <cqdx@teleport.com>
- 30) [83678] NoVaQRP.org Webpages Now Open
by Michael Bower <bowerm@ix.netcom.com>
- 31) [83679] Re: Stripboard Magic schematic program
by "Leon Heller" <leon_heller@hotmail.com>
- 32) [83680] Re: HB - W1FB Dir-Con, T-05 LM308s
by "Leon Heller" <leon_heller@hotmail.com>
- 33) [83681] RE: NoVaQRP.org Webpages Now Open
by Allen Randy <Allen_Randy@prc.com>
- 34) [83682] Re: FOX Another Lucky Break
by "DONALD G. DORN" <DDORN@CWIS.NET>
- 35) [83683] OOOPS
by "DONALD G. DORN" <DDORN@CWIS.NET>
- 36) [83684] pictures of tube-type PSK31 rig
by William Mabry <n4qa@juno.com>
- 37) [83685] Re: SS-Running of the Bulls Results
by Dan Wolfe <n4roa@mounet.com>
- 38) [83686] Re: pictures of tube-type PSK31 rig
by "Karl F. Larsen" <k5di@zianet.com>
- 39) [83687] Re: Contest: QRPDUPE: Reminder
by "Karl F. Larsen" <k5di@zianet.com>
- 40) [83688] RE: Trickle charger controller for station battery bank?
by Nick Kennedy <nkennedy@tcainternet.com>
- 41) [83689] SST mods
by Steve Muncy <listsubs@sintezo.com>
- 42) [83690] November West FL QRP Club Sat. Nov.12 10 am
by Macstein@aol.com
- 43) [83691] Re: SST mods

- by Phil Wheeler <w7ox@earthlink.net>
- 44) [83692] Service! Wow!
by "AI2Q Alex" <ai2q@ispchannel.com>
- 45) [83693] CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 46) [83694] Re: Service! Wow!
by "Bruce Kizerian" <kizerian@ced.utah.edu>
- 47) [83695] Visit to Columbus, OH
by k8ff@juno.com
- 48) [83696] Now Showing: The ARS Sojourner
by Richard Fisher <ki6sn@yahoo.com>
- 49) [83697] Re: Service! Wow!
by "bob baxter" <rbaxter@cybertrails.com>
- 50) [83698] PSK:Warbler Trick or Tweak (groan)
by Bill Jones <kd7s@psnw.com>
- 51) [83699] Yaesu FT-817 and satellite operation
by "Ed Manuel (N5EM)" <n5em@flash.net>
- 52) [83700] New Altoids Tin
by "Mike Yetsko" <myetsko@insydesw.com>
- 53) [83701] RE: CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 54) [83702] Re: OT: Trickle charger controller for station battery bank?
by Bill Coleman <aa4lr@arrl.net>
- 55) [83703] WTB: CW Filter for IC-735
by "Tim Cook" <timcook@erinet.com>
- 56) [83704] Schematic and pcboard software - cheap
by fflynn@together.net
- 57) [83705] Re: Keyer
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 58) [83706] Re: CQ: AL, MS, WY, New England!
by Chuck Adams <k7qo@primenet.com>
- 59) [83707] Schematic and pcboard - no web? - Bpecs phone #
by fflynn@together.net
- 60) [83708] Re: CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)
by Jeff Stai WK6I <jstai@home.com>
- 61) [83709] FOX- Log from hunt #6, Oh what a night!
by "Pat Cain, K0PC" <pcain@netscape.net>
- 62) [83710] Re: FOX- Log from hunt #6, Oh what a night!
by John Wagner <john@neknetwork.com>
- 63) [83711] Being an SWL while waiting for the Warbler to arrive
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 64) [83712] [CONTEST] [SS] Non-cabrillo log wanted
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 65) [83713] Need NL articles for the Dec Bacon Bits
by Shephed@aol.com
- 66) [83714] flex digi-mode interface ?
by n2go@arrl.net
- 67) [83715] Re: More Yaesu FT-817 info in December QST ad

by "Tim R. Havens" <n1rz@timhavens.com>
68) [83716] Re: CQ: AL, MS, WY, New England!
by "Ham" <k1vp@lawson-philpot.com>
69) [83717] FOX-Thanks for the pelt (and small correction)
by "David Maliniak" <dmaliniak@verticalnet.com>
70) [83718] CONTEST: QRP ARCI 2001 Contests
by Randy Foltz <rfoltz@turbonet.com>
71) [83719] More (than you ever wanted) on the Meissner Signal Shifter QRP rig
by William Mabry <n4qa@juno.com>
72) [83720] RE: AL, MS, WY, New England!
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
73) [83721] WHO DAT NEEDS MAINE?
by hamjoel@juno.com
74) [83722] Re: CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)
by Bruce Muscolino <w6toy@erols.com>
75) [83723] Re: Anti static protection
by "Aartec" <aartec@dwx.com>
76) [83724] white mountain ssb question
by M Goins <mgoins@usa.net>
77) [83725] Re: CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)
by Jeff Stai WK6I <jstai@home.com>
78) [83726] CW Abbreviations
by "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>
79) [83727] SS Score & Comments
by "Lawrence T. Owens" <w4dec@dibbs.net>
80) [83728] Re: SS Score & Comments
by Roy <marion@montana.com>
81) [83729] WTB: Tube Tester
by "Dan W. Dooley" <dandooley@pipeline.com>
82) [83730] Re: SS Score & Comments
by David Castor <dpcastor@home.com>
83) [83731] RE: white mountain ssb question
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
84) [83732] CW Speed (was RE: ** Score & Comments)
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
85) [83733] RE: CW Abbreviations
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
86) [83734] 6 meter beam
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
87) [83735] Ft Wayne QRP Forum is on!
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
88) [83736] Re: CW Speed (was RE: ** Score & Comments)
by "Karl F. Larsen" <k5di@zianet.com>
89) [83737] Re: CW Speed (was RE: ** Score & Comments)
by "George, W5YR" <w5yr@att.net>

Date: Thu, 09 Nov 2000 16:10:47 -0800
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [83649] OT: Trickle charger controller for station battery bank?
Message-ID: <3A0B3D07.2A6B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have installed a battery bank (consisting for now of two substantial car batteries) that I use as alternate power for my station. So far I have been simply charging them every few months with an automotive charger. The plot thickens:

I picked up a wallwart at the Pacificon swapmeet that says it puts out 15V at 1.5A. I had intended it for testing of QRP rigs at 15V is the voltage I usually start with in the field. Unfortunately the open circuit voltage is more like 19V, so that purpose is not well served with this wallwart. So, I would presume that it could be used to trickle charge my battery bank with an appropriate charge control/regulator.

I would appreciate detailed references as to how to build or where to buy such a device. Again, I have a 19V source that will likely sustain 15V at 1.5A and would like to trickle-charge a significant lead acid battery bank.

Still stuck at 99 worked toward DXCC Millenium /QRP. Last one worked was a goodie though: ZM8CW, Kermadec. I just couldn't get VP2EY or HK7AAG to come back to finish it off.

73 GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@arrl.net

Date: Fri, 10 Nov 2000 00:20:39 GMT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [83650] More Yaesu FT-817 info in December QST ad
Message-ID: <F230mvjk022ZhCl8aii000024fc@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The full-page Yaesu advertisement for the all-mode/all-band QRP FT-817 on the inside back cover of the December 2000 QST gives some information beyond what is available on the <http://www.yaesu.com> website:

"TWO ANTENNA PORTS: A "BNC" connector is provided on the front panel, and type "M" connector on the rear panel, with Menu selection of which connector will be assigned for operation on HF, 50 MHz, 144 MHz, and 430 MHz."

Does this mean that the dual "VFOs" will allow full-duplex cross-band operation for satellite work? The supplied antenna appears to be a VHF/UHF rubber ducky.

"OPTIONAL 10-POLE COLLINS MECHANICAL FILTERS: An optional filter slot is provided, accommodating either the YF-122S (2.3 kHz) SSB filter or the YF-122C (500 Hz) CW filter. You get "base station" performance even from a mountain top."

I wonder if a 250-Hz filter might also be available. The bad news is that these great filters retail for \$169.

"DUAL-COLOR LIQUID CRYSTAL DISPLAY: Select from Blue or Amber display illumination, which can also be switched off to conserve battery life. And while you're away, the Spectrum Scope will provide you with a visual record of activity +/- 5 channels from your current operating frequency."

According to an HRO sales rep, these dual colors are programmable. You don't order a radio with one or the other. I've always associated spectrum scopes with big contest-grade desktop rigs. Is it possible that this rig, equipped with a Collins filter, may qualify as contest grade? Surely it couldn't really replace my K2 at home could it?

The pictures show a carrying strap and dramatize its small size next to a modest keyer paddle and a laptop computer. The microphone seems like a giant next to the rig. The many controls appear to be well-designed for pedestrian mobile operation. Now, what kind of paddles could I attach to a climbing helmet?

Bruce Prior N7RR in Blaine, WA

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at <http://profiles.msn.com>.

Date: Fri, 10 Nov 2000 00:22:52 -0000
From: "Walter D Amos" <waltk8cv@surf.free.com>
To: "Posts Qrp-l" <qrp-l@lehigh.edu>
Subject: [83651] Fw: Patcomm Radio.....
Message-ID: <001101c04aac\$7c75d020\$90891b26@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

THIS IS NOT A KIT READ MY LIPS THIS IS NOT
A KIT!

Walt Amos K8CV Royal Oak, MI k8cv@arrl.net

----- Original Message -----

From: "Jensen, Eric" <ejensen@siemens-psc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, November 09, 2000 2:24 PM
Subject: RE: Patcomm Radio.....

> All,
>
> I believe the link is:
>
> <http://www.qth.com/patcommradio/webdoc8.htm>
>
> Eric
> ki0mf
>
> -----Original Message-----
> From: Niels Jensen Kristjansson [mailto:nkristja@cadvision.com]
> Sent: Wednesday, November 08, 2000 11:47 PM
> To: Low Power Amateur Radio Discussion
> Subject: Patcomm Radio.....
>
>
>
> Hi gang,
>
> Just had a look at the Patcomm website
> <http://www.qsl.com/patcommradio/webdoc8.htm>
> and was wondering if anyone has built this
> rig. It is supposed to be a dual band rig
> any two bands between 160m-6m, looks interesting.
>

> 72 de Niels
> VE6NJK
> Calgary, AB
> Canada
>
> Vi Minore, Plus Gaudium
>
>
>

Date: Thu, 09 Nov 2000 19:22:26 -0500
From: "Anthony A. Luscre" <aluscre@neo.rr.com>
To: TheMardster@cs.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83652] Re: General Log s/w w/QRP?
Message-ID: <20001110002232.AAA18385@roadrunner.neo.lrun.com@neo.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

LOGic by PDA
www.hosenose.com

TheMardster@cs.com wrote:

> Hi all,
>
> I'm currently using dxBase 2001 for my station log. I'm not overwhelmed with
> joy about the user interface so I am flirting with the idea of switching to
> something else. My question is this; is there high quality logging s/w with
> the ability to track DXCC countries using different power levels?
>
> At the very least, I would like to be able to sort QSOs based on power output.
>
> Any ideas?
>
> Thanks!
>
> Marty Ray, N9SE

Date: Thu, 9 Nov 2000 16:28:51 -0800
From: Bob Nielsen <nielsen@oz.net>

To: qrp-1@lehigh.edu
Subject: [83653] Re: Contest: QRPDUPE: Reminder
Message-ID: <20001109162851.A17581@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gary, you are a master of understatement on this one. The ARRL URL to the specification just returns you to the generic contest page. The other URL (<http://www.kkn.net/~trey/cabrillo>) exists, but the "spec" is impossible (at least for me) to interpret completely.

This looks more like a work in progress than a finished product. The examples don't cover all the contest formats and I find nearly as many new questions as I do answers. CQ is apparently incorporating Cabrillo as well.

As far as I know, there are no Linux logging programs which support Cabrillo and I was looking into a way of either hacking an existing program (one of the big advantages of open source) or even just outputting spreadsheet data into the required format, but threw up my hands after seeing the "specification" page.

As a 47-year ARRL member, I am usually very supportive, but it looks like somebody messed up big this time.

Bob, N7XY

On Thu, Nov 09, 2000 at 02:22:52PM -0600, Gary Lee Phillips KA9NZI wrote:

> Yes, I hope the ARRL will realize how the Cabrillo specs, as they
> have been posted, are really too vague for a programmer to follow
> and be sure of getting it right. I find it difficult to understand
> why these specs have never been recast into a more formal data
> processing form. (For instance, the character set should be
> specified, which would clarify the slash-zero issue. Every field
> should be individually described in terms of length and position.)
>

> I also hope the ARRL will release some kind of validation
> program that we can run BEFORE submitting the file, to check
> it for formatting errors, etc. But I'm not holding my breath.

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Thu, 9 Nov 2000 19:37:50 -0500
From: "Tim R. Havens" <n1rz@timhavens.com>
To: <n7rr@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83654] Re: More Yaesu FT-817 info in December QST ad
Message-ID: <003a01c04aae\$7566a500\$0201a8c0@ramphome.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What's a type "M" Connector ??

N1RZ

----- Original Message -----

From: "Bruce Prior" <n7rr@hotmail.com>
> "TWO ANTENNA PORTS: A "BNC" connector is proved on the front panel, and
> type "M" connector on the rear panel, with Menu selection of which
connector
> will be assigned for operation on HF, 50 MHz, 144 MHz, and 430 MHz."

Date: Thu, 9 Nov 2000 19:00:59 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <elecraft@qth.net>, <qrp-1@Lehigh.EDU>
Subject: [83655] The Ten Tec handmike, as candidate for Elecraft K2 use
Message-ID: <008701c04ab1\$b08e8190\$5ac07481@rohredt2000>

Ten Tec has a nice coiled cord PTT hand mike supplied with their 2M radio kit and others.

I was asked to see if it could be opened up and a switch added for other control functions on the K2.

The mike has a shielded cord containing a black, red, and yellow wires. It has the traditional Ten Tec 4 pin mike plug, and those functions in the plug are voltage to the electret mike element, audio from the mike, PTT control wire, and shield ground.

Inside the mike, which is opened by removing 3 Phillips screws, (crosspoint), is an electret element, a DC blocking cap, which is an electrolytic, and a resistor to bias the electret element. However all that fits in the main opening area where the element lives, which is a 1/2 inch diameter. There is a PTT bar operating a slide switch, having double pole double throw action, as far as I can tell by looking. I did not take time

to use an ohm meter to trace the circuit.

However, it looks similar to many mobile hand mikes, thus I feel confident that PTT switches both the control line to ground, and connects the mike audio to the rig. There is a crescent shaped plastic piece curling around the mike element mounting area, and it has pin and socket plastic locating pieces, to a similar crescent plastic piece molded into the back cover of the mike. This was a surprise, until I realized this is a strength member behind the hang up button shaped plastic piece on the mike case back cover, again identical to many mobile mikes.

This mike has been used for Field Day operations with good reports on a variety of rigs, from the TT Scout QRP to an Atlas RX1-TX1. It should be a good choice for the K2 SSB operation.

72,
Stuart K5KVH

Date: Thu, 09 Nov 2000 17:52:33 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: nielsen@oz.net
Cc: qrp-1@lehigh.edu
Subject: [83656] Re: Contest: QRPDUPE: Reminder
Message-ID: <200011100057.RAA08780@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:28 PM 11/9/2000 -0800, you wrote:

>Gary, you are a master of understatement on this one. The ARRL URL to
>the specification just returns you to the generic contest page. The
>other URL (<http://www.kkn.net/~trey/cabrillo>) exists, but the "spec" is
>impossible (at least for me) to interpret completely.
>

The format specifications shown at
<http://www.kkn.net/~trey/cabrillo/qso-template.html> seem to be pretty complete. These specs show where each data field is to begin in the data string, i.e., for Sweepstakes, 'QS0:' starts at the first position and continues for 4 spaces. The next entry, 'freq', starts at the 6th position (fifth is a blank space) and continues for 5 spaces. Position 10 ('0'), is another blank space. 'mo' starts at position 11, continues to position 12, 13 is blank, and so on for the rest of the string.

Each field in the string must be of the length specified, regardless of the

data contained in that field. If the call sign is only 3 characters, for example, you must then add 7 blank spaces at the end of that call to complete the field. The total string length, per QSO, will be 79. Any more, or less, will not be accepted. Each contest has it's own specific format, which must be followed.

The page at <http://www.kkn.net/~trey/cabrillo/qso-template.html> shows the information that is required before the QSO data is presented.

Anyone having trouble interpreting this stuff might try to find someone nearby that is familiar with database structure for assistance.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Thu, 09 Nov 2000 17:39:29 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: n1rz@timhavens.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83657] Re: More Yaesu FT-817 info in December QST ad
Message-ID: <3A0B51D1.BFF16CCB@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Tim R. Havens" wrote:

>
> What's a type "M" Connector ??
>

The preliminary spec says "M [S0-239] on Back"

So I guess it's our old friend the PL259/S0-239 combo. I've never seen it referred to as a Type M, though.

Phil W7OX

Date: Thu, 9 Nov 2000 17:40:25 -0800

From: "Steve McDonald" <jsm@gulfislands.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83658] CQ: AL, MS, WY, New England!
Message-ID: <000801c04ab7\$44d42bc0\$9a4bfea9@jms>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody in these states willing to run a 40m sked? Still need those plus
the following to complete my Tuna Tin II W.A.S. on 7040. - CT DE
IN ME MD NE NH RI VT

Early morning seems best, around your sunrise or the hour before. Please let
me know if you can help.

73 - Steve / VE7SL

2N2222 @ 400mW / half-sloper / 7040.0

Date: Thu, 09 Nov 2000 20:10:54 -0600
From: Ken Hopper <khopper@uchicago.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [83659] PSK-80 builders please post to eHAM
Message-ID: <3A0B592E.4DEB8120@uchicago.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

PSK-80 builders PLEASE POST your reviews on eHAM for others to read at

<http://www.eham.net/reviews/detail/1137>

tnx,
de Ken N9VV <n9vv@arrl.net>
<http://home.uchicago.edu/~khopper/psk80project.html>

Date: Thu, 9 Nov 2000 21:25:22 EST
From: N10DL@aol.com
To: fpqrp-l@mpna.com, qrp-l@lehigh.edu
Subject: [83660] FOX- GOT HIM....
Message-ID: <ca.c8be5ff.273cb692@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

YYYYEEEEHHHHHAAAAHHHHH

Finally got the FOX again at 0220Z....thought I was heading for another
'skunk"....BOY, does this feel great.....Don't, hear you Mac....
Good Luck All and Thanks for all that checked into the Truffle hunt tonight.
I had a ball
Aron
N10DL
Bedford, NH

Date: Thu, 9 Nov 2000 19:33:19 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [83661] FOX Another Lucky Break
Message-ID: <Pine.LNX.4.10.10011091928530.1780-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I stopped doing the dishes and listened at 7.042.4 MHz and there
was the fox calling CQ and bagging new Hounds quickly. He is listening
higher by about 1-2 KHz. I got my pelt 1.5 KHz high. My vertical is really
working this week! I called 8-12 times on my 80 meter wire no joy and
switched to the vertical and on the 3d call I got him.

The proton storm is not hurting us much it seems cuzz Pat is busy.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 09 Nov 2000 21:32:35 -0500
From: Brian <brian@iquest.net>
To: QRP-L <qrp-l@lehigh.edu>, pigs <fpqrp-l@mpna.com>
Subject: [83662] OT FOX MEAT!!!
Message-ID: <3A0B5E43.41BED342@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got him!!

Yay!! Go Flying Pigs!! We RULE!!

02:19Z and he's all mine!

72

--

```
=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
    39.558 N    86.095 W    Johnson Co., Indiana
    GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
    Member of the American Radio Relay League - SOC #400
    FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====
```

Date: Thu, 09 Nov 2000 19:38:06 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [83663] (FOX) - KK6MC
Message-ID: <B630AD9E.3599%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Here is my initial log. I logged on papaer and transcribed it to the computer, so there is plenty of room for errors. This you will know if you have ever seen my handwriting and touch typing skills.

Time	Station	RST	QTH	Name	PWR
0200	NK6A	559	CA	Don	5W
0202	W0CH	579	MO	Dave	5W
0204	N5TW	559	TX	Tom	5W
0205	WA50JE	559	TX	Danny	5W
0206	KK5LD	559	TX	Dan	5W
0208	N11N	559	TX	Bruce	5W
0209	K5OI	599	NM	Tim	5W
0211	W5YR	559	TX	George	5W
0212	N5EN	559	TX	Steve	5W
0213	K5DI	589	NM	Karl	5W
0214	NQ7X	559	AZ	Floyd	5W
0216	K5VUU	559	TX	Ed	5W
0218	K7RE	559	AZ	Brian	5W
0219	K5ZTY	559	TX	Bill	5W

0221	AC5JH	559	OK	Tom	5W
0222	W5SB	559	TX	Bill	5W
0223	K10J	559	TX	OJ	5W
0224	KK1FB	339	CT	Jim	5W
0225	KQ5U	559	TX	Terry	5W
0229	K5LN	559	TX	Bill	5W
0230	K5OWR	559	OK	Don	5W
0231	N5ZE	559	TX	Lew	5W
0232	NK7M	579	AZ	Bob	5W
0235	AA0ZZ	599	MN	Craig	5W
0236	N5UW	559	OK	Clif	5W
0237	K0MP	559	CO	Bill	5W
0239	WA9TZE	559	WI	Jim	5W
0241	WB5QYT	599	NM	Tom	2W
0243	N1FN	559	CO	ET	5W
0246	W5USI	559	TX	Chuck	4W
0247	K0FRP	599	CO	Al	5W
0248	K5E0A	579	LA	Wayne	5W
0250	K5DW	559	TX	Don	5W
0251	W5HNS	569	TX	Henry	5W
0254	WA7LNU	599	UT	Jack	5W
0256	K5AEM	599	TX	Jon	5W
0258	K0EVZ	579	ND	Doc	5W
0259	K8CV	559	MI	Walt	5W
0301	WJ1R	559	CO	Larry	5W
0303	W0JVE	559	MO	Joe	5W
0303	NK9G	559	WI	Jack	5W
0306	AE9K	559	WI	Brian	5W
0308	K1TP	559	CA	Paul	5W
0309	N1TP	559	FL	Tom	5W
0312	W8SFF	559	MI	Steve	5W
0314	N6WG	559	CA	Bob	5W
0316	W0PW	599	IA	Jer	5W
0317	W0RSP	569	SD	ADE	5W
0319	N0TU	599	CO	Steve	5W
0320	W9XU	559	WI	Lon	5W
0322	K4FB	559	FL	Paul	5W
0323	KR5C	599	TX	George	4W
0325	N4ROA	559	VA	Dan	4W
0327	NF4PS	579	MN	Pat	5W
0330	W0UFO	559	MN	Mert	3W
0332	KA1DDB	559	MI	Mike	5W
0334	N2LO	559	NJ	Bob	5W
0236	WE9K	559	WI	Glenn	5W
0337	N9AW	559	WI	Henry	5W
0339	N5IB	559	LA	Jim	5W
0341	AF4LQ	569	KY	Mike	5W
0342	K5CV	559	LA	Brian	5W

0344	AA7SP	559	CA	Glenn	5W
0346	N0AR	559	MN	Scott	5W
0348	WS4S	559	TN	Gotard	5W
0350	WM5M	579	TX	Eric	5W
0352	W2XN	559	FL	Fred	5W
0355	K4BYF	559	FL	Jack	5W
0357	K4TJD	559	GA	Tom	5W
0358	K7AL	559	OR	Dave	5W
0359	VA6RJ	559	AB	Carl	5W
0400	KK6MC/5	339	NM	Jim	0W

Let me know if you see any egregious errors. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
 30 Casa Loma Road
 Cedar Crest, NM 87008

 Date: Thu, 9 Nov 2000 21:49:37 EST
 From: N10DL@aol.com
 To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
 Subject: [83664] Truffle Hunt- log
 Message-ID: <20.da80dc6.273cbc41@aol.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"
 Content-Transfer-Encoding: 7bit

Had a ball tonight even though there were not that many Piggies out there that I could hear. Started 1.5 above my freq but had QRN there so moved down to 1 above my freq of 7.042.

The log is short, but better than no log at all. sorry if I missed any of you Piggies out there. there was one that I could just not pick out of the QRN. I am really suprised that I did not hear Mac or Doc in there. Told you to bring a Hammer.....

Please let me know of any corrections to the log.
 Thanks again for the great time.

LOG

0137	W8CIZ	559/559	DIZ	OH	5W
0137	N8IE	559/559	DAN	OH	3W
0138	N8VAR	559/5?9	RON	OH	5W
0139	W8PIG	559/559	PORKEY	OH	3W
0140	NK9G	559/559	DICK	WI	5W
0150	K0PC	559/559	PAT	MN	?W

0159 KB1ENS 559/559 JOHN VT 5W

Sorry it was not longer but I did have a QSO just below me and QRN right above me.

Thanks to all who joined in tonight and look forward to doing this again in the future.

Am writing this right after I got Pat tonight at 0220. Thanks Pat for pulling me out of the LARGE pileup.

Aron

N10DL

Bedford, NH

Date: Thu, 09 Nov 2000 22:14:07 -0500
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu
Subject: [83665] FOX-K0RC A-1 in my book
Message-ID: <3.0.6.32.20001109221407.007ee100@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What a pleasure to see a fox do his thing the best anyone could do!
It's almost certain you have handled a number of large dogpiles as DX,
Pat. Great signal near Phila and your scanning technique is excellent.
Does not miss a beat. Looks like to me I saw an A-1 operator Fox.
Tnx for the QSO and the fun to follow you along.

72 de

Ken Newman - N2CQ
Woodbury, NJ
N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==
<http://www.njqrp.org/data/contesting.html>

Date: Thu, 09 Nov 2000 22:35:19 -0500
From: "Anthony A. Luscre" <aluscre@neo.rr.com>
To: pcain@netscape.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83666] FOX- BD x 2
Message-ID: <20001110033524.AAA17280@roadrunner.neo.lrun.com@neo.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Pat Cain, K0PC" wrote:

> Tally Ho!
> Since the hunt is on Nov 10 in UTC I'm claiming it is on my birthday. I
> invite you all to grab a piece of my pelt and leave me in my little fox
> birthday suit by the end of the evening.

Thanks birthday fox for a birthday pelt for the birthday hound (also Nov 10,
but zulu counts)

Date: Thu, 9 Nov 2000 19:54:29 -0800
From: "Glenn Maclean" <glennmaclean@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83667] Mac Tool Plier Set
Message-ID: <010f01c04ac9\$edae9f20\$ab10fea9@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I usually do not like to promote stuff but this is too good to not pass
along. The Mac Tool guy came to my work today as he always does. Mac Tools
has on sale a very nice pliers set in a zip up case. This pliers set is
perfect for kit building and home brew projects. The set includes: flush cut
diagonal cutters, short and long needle nose pliers, and a small duck bill
pliers all for \$29.95 guaranteed for life. Catalog number is P301710 it
should be in the Mac Tool December sale flyer. You will have to track down a
Mac Tool dealer to purchase this set. They are usually listed in the yellow
pages.

The usual disclaimer applies

Glenn WA7SPY
Sacramento, CA

Date: Thu, 9 Nov 2000 22:02:58 -0600 (CST)
From: Joe Smith <joe@joesmith.net>
To: qrp-l@lehigh.edu

Subject: [83668] FOX - K0PC best Fox yet!
Message-ID: <Pine.LNX.4.10.10011092156230.17355-1000000@nikola.joesmith.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good job on the fox hunt, and thanks for hearing me twice. I was again in the mobile, setting in the driveway this time. When you sent my call back along with exchange, I shut off the engine. It was like someone put a 60db attenuator in line with my 706!! And when I hit the paddles my SWR pegged, so I was frantically trying to figure out what was loose.

I don't know exactly what it was, but I got it going again and hammered away for a while longer hoping to capture your receive window. Finally did and it was a relief!

Nice job handling the hounds, I can tell your CW ear is VERY good. You were snagging callsigns very quickly and moving that RIT around nicely too! See ya again in March!

72, W0JOE

"I'm going to live forever, or die trying"

Date: Thu, 9 Nov 2000 20:59:57 -0700 (MST)
From: mugglesto@megsinet.net
To: qrp-l <qrp-l@lehigh.edu>
Subject: [83669] Keyer
Message-ID: <Pine.LNX.4.10.10011092050260.7993-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've got an old Curtis K5 keyer that I've used for a few years - well I've played with it for a few years, just can't seem to get the timing right. Saw the post about Chuck's (K7Q0 - not use to the new call) web page and thought I'd try it again.

Problem - it doesn't matter which paddle I press I get a series of dah dit dah dit dah dit.....

Checked the wires coming out of the key, no shorts there. Don't want to dig into the Keyer - yet.

Does any one know what may be going on?

The main chip is a CURTIS 8044B 8145 and from what I've heard they are scarce or not available.

Thanks for any help you can give me.

de KI00T, Brad

Date: Fri, 10 Nov 2000 04:22:47 -0500
From: John Farler <jfarler@mis.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [83670] Cub fox, stuck slug, ss....
Message-ID: <3A0BBE67.76C5DAD8@mis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As you can see from the cub fox log below, I have finally figured out how to work the fox....after the deadline. Actually someone else worked him after the end before I did, someone just wanting just a qso. Great sig here, Mac and thanks for answering me. I remembered the foxhunt at :56 and didn't get gear going in time.

Thanks to those guys who helped me on the stuck slug in the MFJ 15 M. Cub last weekend. With the help I was able to get it going and made several qso's on 15 meters during SS. Amazing what .75 W will do on an open band during a contest.

In SS, had 117 qso's with 55 Sections for 12870 points. About 4-5 hours, I guess. Used QSL dupe. Nice program, but as with all logging programs, I spent most time entering data. Guess I should hook up keying function.

Used 21 M. Cub, DSW 40 for 40 M. where I had the most qso's, and the trusty Ten-Tec Argosy with dead final for 20 and 10 meters at about 3-4 watts. DX was KH5. All on an 80 meter dipole with open wire feeders and the trusty Johnson Matchbox.

I usually have too much noise here to work anything much with rigs that don't have noise blankers, but a little rain Sat. doused all the arcs jumping around in the neighborhood until Sunday PM.

Lots of fun, and will get the pin....

72, John Farler, K4AVX
Hazard, Ky.
k4avx@arrl.org

```
> Date: Thu, 9 Nov 2000 07:56:19 EST
> From: Macstein@aol.com
> To: qrp-1@lehigh.edu, Macstein@aol.com, k5di@zianet.com
> Subject: [83598] FOX - Cub outing #6 AF4PS (Log and Soapbox)
> Message-ID: <15.b7a42eb.273bf8f3@aol.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="US-ASCII"
> Content-Transfer-Encoding: 7bit
>
> DRAFT LOG - please send corrections!
> (my second attempt to post this to the list..AOL 6.0 is not cooperating)
>
> Cub Fox Hunt #6 November 9, 2000
> AF4PS - Mac Steinmeyer, Odessa, FL
>
> K2 at 5 watts to the Infamous Attic Dipole
> Every filter I could reach, the outboard DSP and the WE6W Acoustic Cannon
>
> 0201      K4BYF      539      FL      Jack      5w
> 0203      K5DW       579      TX      Don       5w
>more qso's
> bunch more
> 0340      KF?CN      559      ?      ?      5w      <-- (SORRY!)
> 0347      W6YJ       559      LA      Mike      4w
> 0355      N1ODL      559      NH      Aron      5w
> 0359      KG4CNZ     599      KY      Robert    QR0
> 0400      AF4PS      559      FL      Fox       5w
>
> Honorable Mention
>
> 403 K4AVX      559      KY      John      2w
>
> Comments:
```

Date: Thu, 9 Nov 2000 23:34:39 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [83671] FOX -
Message-ID: <20001109.233528.-268161.1.hamjoel@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Well I can see drastic measures are called for... going out fox hunting and getting skunked... what a mess...

Tonite my antenna let me down... the best one I thought I had found... but when the Fox was cut loose... my antenna acted like a goose and flew south stead of sw...

guess the solar storm got me down... shielded the fox from this hound... dog gone! :-) time is coming though ... when "the THUNDER from the south will roll from maine... done it before gonna do it again... but tonight my antenna let me down...

HOWEVER.... some of my Cajun Mama's Cajun Kick-a-poo Juice will make it all better, while I listen to Elvis's rendition of "U an't nuttin but a Hound Dog"...

kella joel
in maine
feeling better already
pass another one maw....

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Thu, 9 Nov 2000 22:43:14 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [83672] FOX- Fresh Meat At Last!!! :-)
Message-ID: <200011100443.AA00310@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Wow, after battling the long fox drought and doubting I was getting out on 40 *at all*, the heavens opened (despite the big PCA), my aim was true, and my first fox of the season was brought to bag! :-) I tried the high side of the pile at first, up almost 2 Kc, with no success for about the first hour. The pile seemed to aggregate up 1-2 Kc, so I dialed the RF-131 for 7.043.0 and let drive. The band seemed to start shifting shortly thereafter, and Pat showed his head a bit higher. Fired a couple more times, and about fell out of my chair when I heard him come back to the mighty 250 mW. :-)

I'm seriously stoked!!! :-) Not only my first 40m fox, but my first 40m milliwatt QSO, and a new state toward milliwatt WAS to boot! :-) Sincere

kudos to Pat for a great hunt!

72/73,

Todd, AG0T
QRP-L # 2211, ND

Date: Thu, 9 Nov 2000 21:02:28 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [83673] Re: Contest: QRPDUPE: Reminder
Message-ID: <20001109210228.A22802@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I guess I overcomplained a bit. My reaction was based on the rules for the CQWW "strongly recommending" Cabrillo and in looking at the web site I found a few things which didn't appear to be addressed. Since the CQWW rules didn't absolutely require the use of Cabrillo it wasn't that big a deal to manually create an email entry. A further look at the Cabrillo web site indicates that the CQWW isn't officially supported yet, so I guess I shouldn't have expected it to be.

It looks like there is more work to be done and hopefully the final product will look a bit more polished.

73, Bob

On Thu, Nov 09, 2000 at 05:52:33PM -0700, Bob Hightower wrote:
> At 04:28 PM 11/9/2000 -0800, you wrote:
> >Gary, you are a master of understatement on this one. The ARRL URL to
> >the specification just returns you to the generic contest page. The
> >other URL (<http://www.kkn.net/~trey/cabrillo>) exists, but the "spec" is
> >impossible (at least for me) to interpret completely.
> >
>
> The format specifications shown at
> <http://www.kkn.net/~trey/cabrillo/qso-template.html> seem to be pretty
> complete. These specs show where each data field is to begin in the data
> string, i.e., for Sweepstakes, 'QS0:' starts at the first position and
> continues for 4 spaces. The next entry, 'freq', starts at the 6th position
> (fifth is a blank space) and continues for 5 spaces. Position 10 ('0'), is
> another blank space. 'mo' starts at position 11, continues to position 12,
> 13 is blank, and so on for the rest of the string.
>

> Each field in the string must be of the length specified, regardless of the
> data contained in that field. If the call sign is only 3 characters, for
> example, you must then add 7 blank spaces at the end of that call to
> complete the field. The total string length, per QSO, will be 79. Any more,
> or less, will not be accepted. Each contest has it's own specific format,
> which must be followed.

>

> The page at <http://www.kkn.net/~trey/cabrillo/qso-template.html> shows the
> information that is required before the QSO data is presented.

>

> Anyone having trouble interpreting this stuff might try to find someone
> nearby that is familiar with database structure for assistance.

>

--

Bob Nielsen, N7XY

nielsen@oz.net

Bainbridge Island, WA

<http://www.oz.net/~nielsen>

Date: Thu, 09 Nov 2000 23:31:11 -0500

From: Paul Womble <pwomble1@tampabay.rr.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [83674] For Sale- NC20

Message-ID: <3A0B7A0F.8096A66A@tampabay.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

For Sale:

Excellent condition NC20. In original unpainted enclosure.
Includes original assembly manual and printed modification
documentation.

Has the following mods:

10 turn pot

AGC System

Audio Bandpass Filter Center Frequency

AGC Voltage Drift

Transmitter chirp/dual voltage regulators

Info on these mods can be found at:

http://www.redhotradio.com/NC20_Mods.html

<http://www.qsl.net/mnqrp/norcal20.htm>

Digital pics can be sent upon request.

\$120.00 plus shipping.

73

Paul K4FB

Date: Thu, 09 Nov 2000 23:26:15 -0600
From: aweiss@usd.edu
To: qrp-1@Lehigh.EDU
Subject: [83675] Re: PROTON EVENT WARNING - 30m Thurs Night
Message-ID: <200011100524.XAA20059@sunburst.usd.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Paul's posting explained what has been happening here on 30m. (1) W7QB(?) (QTH?) is echoing about a half of a "dit". His signal is about 589, and the delayed echo is around S=5, the same level of the UA's that he's been working. He worked a 559 UA0JCA/QRP!! EU7SA was coming in strong 579, usual auroal flutter on his signals and other EU's. I worked LY20X (559/559) OK. Given the situation, when I heard DL7UCW(?) calling with a 229 sig, I called him back 24 wpm, and quick rtn. It seems he copied me better than I could copy him -- never was sure of his call. He gave me a 339. He was in the noise, which, incidentally, is extremely low -- a very quiet band. A NX7K is 579 no echo or much flutter now (0526).

Interesting effects!

72, Ade

Date: Thu, 9 Nov 2000 22:11:28 -0800
From: "Tom Scott" <TomRScott@Sterlink.net>
To: "'qrp-1 Reflector'" <qrp-1@Lehigh.EDU>
Subject: [83676] OT: Tandem Match questions ...
Message-ID: <000001c04add\$34b244e0\$c15d2e0a@wyle.com>
MIME-Version: 1.0

73 John K7FD

QRPacific QRP Club <http://www.teleport.com/~cqdx/qrpclub.htm>

Date: Fri, 10 Nov 2000 03:17:34 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: "NoVaQRP@topica.com" <NoVaQRP@topica.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [83678] NoVaQRP.org Webpages Now Open
Message-ID: <3A0BAF1E.E678E1B1@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The NoVaQRP.org webpages are now open. They can be reached at
www.novaqrp.org .

Nothing fancy, we're just starting our webpages. But check back often
as we continue to add more info.

Enjoy the pages and hope to see you at one of our meetings.

Michael N4NMR

--
73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Fri, 10 Nov 2000 08:39:50 GMT
From: "Leon Heller" <leon_heller@hotmail.com>
To: merryprankster@CWCOM.NET, qrp-l@Lehigh.EDU
Subject: [83679] Re: Stripboard Magic schematic program
Message-ID: <F223zfoV1qdiixjnzi90000044f@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>Has any one heard of and / or know where I can get Stripboard Magic.
>its a program for schematics on vero boars.

It was withdrawn from sale a couple of years ago. Maplin Electronics here in the UK used to sell it, and they might still have some copies. Try

<http://www.maplin.co.uk>

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (mobile): +44 79 9098 1221

Email:leon_heller@hotmail.com My web page:

http://www.geocities.com/leon_heller

IRISSYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at <http://profiles.msn.com>.

Date: Fri, 10 Nov 2000 08:47:30 GMT
From: "Leon Heller" <leon_heller@hotmail.com>
To: Slqghp@aol.com, qrp-1@Lehigh.EDU
Subject: [83680] Re: HB - W1FB Dir-Con, T-05 LM308s
Message-ID: <F96UYPUj1DcYAiG6HSp000004e2@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Got some T-05 LM308s, cheap. Are the pinouts the same as the dip version?
>It's been 30 years since I used this package, I just don't remember. I'm
>hoping these will be easier to handle manhattan style than the dip-8 chips
>--
>no sockets, no glueing chips upside down, and long leads.

I used to bend the leads of the old RCA linear devices in T0-5 packages (like the CA3028) so that they came out like DIL-8 chips. It made the PCB much easier to make when painting the tracks on by hand.

I find it much easier to mount chips 'live-bug' fashion. I don't need to glue them and can read the tops. Wiring up is less confusing, also.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (mobile): +44 79 9098 1221
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller
IRISSYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Fri, 10 Nov 2000 06:07:02 -0500
From: Allen Randy <Allen_Randy@prc.com>
To: "'NoVaQRP@topica.com'" <NoVaQRP@topica.com>, qrp-1 <qrp-1@lehigh.edu>
Subject: [83681] RE: NoVaQRP.org Webpages Now Open
Message-ID: <689A85152B76D311B9CE0090279842FE035D4F0C@mc15.DCMETRO.ADR00T.PRC.COM>
MIME-Version: 1.0
Content-Type: text/plain

Great job, Michael. Randy, N4TVC

-----Original Message-----

From: Michael Bower [mailto:bowerm@ix.netcom.com]
Sent: Friday, November 10, 2000 3:20 AM
To: NoVaQRP@topica.com; qrp-1
Subject: NoVaQRP.org Webpages Now Open

--- Support our Sponsor -----
Does your child struggle in school? Discover Sylvan Learning
Centers and get \$100 off enrollment, \$25 off a Skill
Assessment, or a FREE video.
<http://click.topica.com/aaaavpbz8RSDbAg2ota/SylvanLearning>

The NoVaQRP.org webpages are now open. They can be reached at
www.novaqrp.org .

Nothing fancy, we're just starting our webpages. But check back often as we continue to add more info.

Enjoy the pages and hope to see you at one of our meetings.

Michael N4NMR

--

73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

--- Sponsor's Message -----
FREE DEBT REDUCTION HELP? Did you know you can get COMPLETELY
FREE HELP lowering your interest charges and debt payments?
Learn more about this exceptional offer by clicking here.
<http://click.topica.com/aaaa0Tbz8RSDbAg2otc/e-debtconsolidation>

T O P I C A <http://www.topica.com/t/17>
Newsletters, Tips and Discussions on Your Favorite Topics

Date: Fri, 10 Nov 2000 05:14:40 -0600
From: "DONALD G. DORN" <DDORN@CWIS.NET>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [83682] Re: FOX Another Lucky Break
Message-ID: <3A0BD8A0.70F4F16@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nice going guys, another sweep. As Bubba would say, "We done good".

When I built my 40M rig I intentionally limited the RIT to about 1K on each side of center. So last night I had to wait for him to come back within range. For awhile he was way out there.

Jim, KK6MC left me out of his log. He has K5OWR in my place and K5OWR is a dead call so I know that is supposed to be me. I sent him a note so maybe he will fix it.

73/72

Don K5AAR

Date: Fri, 10 Nov 2000 05:22:30 -0600
From: "DONALD G. DORN" <DDORN@CWIS.NET>
To: LOW POWER AM RADIO DISS <QRP-L@LEHIGH.EDU>
Subject: [83683] 000PS
Message-ID: <3A0BDA76.224C486B@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry folks I sent that last message to the wrong group. So sorry.
Don K5AAR

Date: Fri, 10 Nov 2000 07:22:49 -0500 (EST)
From: William Mabry <n4qa@juno.com>
To: qrp-l@lehigh.edu
Subject: [83684] pictures of tube-type PSK31 rig
Message-ID: <388960700.973858969873.JavaMail.root@web114-wra.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, gang.

There just so happens to be some great pictures of the Meissner Signal Shifter model EX with the model FMX phase modulator over at eBay in case anyone out there would care for a preview of things to come :). Searching eBay for Meissner will get you there .

Yours truly is bidding on these items, though I really don't need 'em.

Happy QRP'ing & 73-1,

Bill, N4QA

Date: Fri, 10 Nov 2000 07:20:21 -0500
From: Dan Wolfe <n4roa@mounet.com>
To: rfoltz@turbonet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83685] Re: SS-Running of the Bulls Results
Message-ID: <3A0BE805.7DC6@mounet.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Randy Foltz wrote:

>
> The form for posting your results from the QRP ARCI Running
> of the Bulls mini-contest is now ready. It is located at
> <http://personal.palouse.net/rfoltz/arci/form.htm>
>
> I'll post both the Bull's results and the Matador's results
> along with the soapbox by 9 PM PST daily for the next 2
> weeks. The results will be at
> <http://personal.palouse.net/rfoltz/arci/highclm.htm> and the
> soapbox will be at
> <http://personal.palouse.net/rfoltz/arci/soapbox.htm>
>
> There is no need to send me logs.
>
> Don't forget to send your results to ARRL.
>
> 73,
> Randy, K7TQ
> QRP ARCI Contest Chairman
Mornin' Randy,

I have a question that you may be able to answer or point me in the right direction. I am curious as to the all time record scores posted for ARCI events by bands or low/high. Do you have access to that info? Thanks.

72..Dan, N4ROA

Date: Fri, 10 Nov 2000 06:04:07 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: William Mabry <n4qa@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83686] Re: pictures of tube-type PSK31 rig
Message-ID: <Pine.LNX.4.10.10011100600390.798-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

God that brings back memories! I had one of those and it worked fine but I still used crystals I had for the "net" frequencies cuzz they were lots more stable. We called them Meissner Signal Drifters. The price

is at \$75 when I looked.

On Fri, 10 Nov 2000, William Mabry wrote:

> Hi, gang.
> There just so happens to be some great pictures of the Meissner Signal
> Shifter model EX with the model FMX phase modulator over at eBay in case
> anyone out there would care for a preview of things to come :). Searching
> eBay for Meissner will get you there .

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 10 Nov 2000 06:19:01 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bob Nielsen <nielsen@oz.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83687] Re: Contest: QRPDUPE: Reminder
Message-ID: <Pine.LNX.4.10.10011100607440.798-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been in contact with Brian and he is squashing some bugs that still exist in QRPDupe. I'm sure when Brian gets time he will add CQWW if not already there. And he does understand Cabrillo format and the software has that as default output now.

I have a PostgreSQL database on this computer and if I was asking for a format to input to a database it would be Cabrillo. My guess is that ARRL wants to input all scores to a database and use SQL tools to test and certify them.

On Thu, 9 Nov 2000, Bob Nielsen wrote:

> I guess I overcomplained a bit. My reaction was based on the rules for
> the CQWW "strongly recommending" Cabrillo and in looking at the web
> site I found a few things which didn't appear to be addressed. Since
> the CQWW rules didn't absolutely require the use of Cabrillo it wasn't
> that big a deal to manually create an email entry. A further look at
> the Cabrillo web site indicates that the CQWW isn't officially
> supported yet, so I guess I shouldn't have expected it to be.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 10 Nov 2000 07:11:40 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'k7gt@qsl.net'" <k7gt@qsl.net>, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [83688] RE: Trickle charger controller for station battery bank?
Message-ID: <01C04AE6.A8BF0B80.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I like to use a series lamp for a simple current limiter / fuse / charge indicator. Voltage rating somewhere around the difference between the voltage of your unregulated source and the discharged voltage of your battery. Under those conditions, the lamp is full brightness. As the battery voltage comes up, the lamp gets dimmer and current smaller. For car batteries, you might want some big honkin' lamps--maybe automotive type. Maybe a 6 volt of so, 6 watt lamp would work. Say your wall wart is pulled down to 17 volts at 1 amp. Your fully discharged battery is at 11 volts. So you have 6 volts across the lamp. As your battery charges to 13.8, the voltage across the lamp goes down and you approach "trickle" voltage level.

There are lots of alternatives with regulators--constant voltage, constant current and variable, but now you're getting more complicated.

72--Nick, WA5BDU

-----Original Message-----

From: Allan G Taylor [SMTP:k7gt@qsl.net]
Sent: Thursday, November 09, 2000 6:11 PM
To: Low Power Amateur Radio Discussion
Subject: OT: Trickle charger controller for station battery bank?

I have installed a battery bank (consisting for now of two substantial car batteries) that I use as alternate power for my station. So far I have been simply charging them every few months with an automotive charger. The plot thickens:

I picked up a wallwart at the Pacificon swapmeet that says it puts out 15V at 1.5A. I had intended it for testing of QRP rigs

at 15V is the voltage I usually start with in the field. Unfortunately the open circuit voltage is more like 19V, so that purpose is not well served with this wallwart. So, I would presume that it could be used to trickle charge my battery bank with an appropriate charge control/regulator.

I would appreciate detailed references as to how to build or where to buy such a device. Again, I have a 19V source that will likely sustain 15V at 1.5A and would like to trickle-charge a significant lead acid battery bank.

Still stuck at 99 worked toward DXCC Millenium /QRP. Last one worked was a goodie though: ZM8CW, Kermadec. I just couldn't get VP2EY or HK7AAG to come back to finish it off.

73 GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@arrl.net

Date: Fri, 10 Nov 2000 07:22:39 -0600
From: Steve Muncy <listsubs@sintezo.com>
To: QRP List QRP-L <qrp-l@lehigh.edu>
Subject: [83689] SST mods
Message-ID: <B63152BE.2D83%listsubs@sintezo.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I'm just starting to build the Wilderness Radio SST-30. I understand there are quite a few mods for this rig, but I've not been able to find a web page discussing the various mods. Can anyone direct me to a site that might have more info?

Thanks....

Steve Muncy, NI5V <mailto:smuncy@sintezo.com>
Dallas, TX <<http://www.sintezo.com/smuncy/hamradio/>>
QRP-ARCI #10330 QRP-L #2191 FISTS # 7412

Date: Fri, 10 Nov 2000 08:44:25 EST
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [83690] November West FL QRP Club Sat. Nov.12 10 am
Message-ID: <8e.cc2b4f8.273d55b9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Sorry if this is a dupe.. AOL and QRP-L are not talking ...again.

The West FL QRP Club regular meeting is this weekend, and we have a special guest, Doc K0EVZ who is staying over to meet with us. Doc, Bud AC4MY (and Jo) and I met at the clubhouse to nab the QRP-L fox on Thurs. evening. We now have pelts on the clubhouse wall! Pat K0PC in MN was an outstanding Fox.

We will discuss the upcoming QRP forum at the Tampa Bay Hamfest - yes, I need your help for show and tell stuff. People are sending me some neat give-aways and information to pass out (THANKS: ARCI, Embedded Research, and KAPADDLES).

We also need to discuss a potential club project/kit.

The meetings are still the second Sat. of each month, but we may need to change this due to some conflict. There are no officers or rules, just projects, elmering, homebrewing, show and tell... and doughnuts.

Our meetings begin about 10 am and end when we go home. Bobby KD4HVD usually makes coffee and Steve (forgot his new call again - NF4X?) usually brings doughnuts (HEY MIKE KU4QO, Steve can't come...) Bring your projects, working or not and test equipment will be set up with assistance if needed.

Directions and more info are found here: http://www.qsl.net/westfla/

See you there!

72

-MAC-

AF4PS

Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,
ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,
West FL QRP, TARC, ARS #751, Flying Pig QRP #-51
and various other annual \$15 commitments.

Date: Fri, 10 Nov 2000 06:16:20 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: listsubs@sintezo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83691] Re: SST mods
Message-ID: <3A0C0334.BB5083BE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Muncy wrote:

>
> I'm just starting to build the Wilderness Radio SST-30. I understand there
> are quite a few mods for this rig, but I've not been able to find a web page
> discussing the various mods. Can anyone direct me to a site that might have
> more info?
>

A copy of the most extensive list is here:

http://www.qsl.net/al7fs/SST_MOD.htm

Some others are found here:

<http://www.qsl.net/ae5x/mods.html>

Phil

Date: Fri, 10 Nov 2000 09:30:56 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [83692] Service! Wow!
Message-ID: <000001c04b22\$d6853800\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The other day I went to the McMaster-Carr Web site <http://www.mcmaster.com>
looking for some Bristol wrenches to use with my R-390A receiver restoration
(any other QRP-L members familiar with these sets?)

I found them and placed an on-line order, checking the box that offered to ship the "best way possible." That is, I let the company decide what way to ship the goodies.

Imagine my surprise when a UPS package arrived at my door the very next day, with no extra shipping charges. To me that says this is a great company to deal with. The firm has items of interest to homebrewers on QRP-L.

Best of all, there's no minimum charge or minimum order. You may want to check it out.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

Date: Fri, 10 Nov 2000 09:01:59 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [83693] CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)
Message-ID: <3A0C0DE7.5759B4A3@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, even the "qso-template" page does not measure up to the quality of a serious data processing specification. And there is no reason that it should, since it is obviously the programmer's own notes. As is usually the case, programmers do not make good documenters. Things they think are "obvious" will not be so, even to another programmer (and I *am* one of those, with 20+ years of professional experience.) A file specification like this needs to include the precise character set to be used, record separators to be used (if any, obviously needed in this case) and many more details than are provided on Trey Garlough's site. Note that I am not blaming Garlough. The League is at fault for not taking sufficient responsibility to make sure this was done properly BEFORE trying to enforce it.

I am confident it will affect the number of logs they receive and the form in which they are sent, and I also think the results will not be at all what they were hoping for.

For the QRP user who wants a "QRP" (small, efficient, fairly simple) approach and who uses Windows, K7RE's QRPDupe is the easiest choice I've seen so far.

For anyone (including non-windows users) who has a working logging

program (even if it's just a spreadsheet) and doesn't want to switch, the other option is to use a conversion routine to take the ASCII output from the preferred program and turn it into Cabrillo. This could be done in any number of languages, or as direct output from a spreadsheet or database. For the LINUX user, who has common UNIX-like tools such as PERL or GAWK available, this shouldn't be too difficult. Unfortunately, since the input files will vary, it is hard to come up with a generic solution that can be shared around.

I have decided to complain to the Directors that this has not been handled in a responsible manner. But I don't hope for much response. Oh well.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 10 Nov 2000 08:00:57 -0700
From: "Bruce Kizerian" <kizerian@ced.utah.edu>
To: <ai2q@ispchannel.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83694] Re: Service! Wow!
Message-ID: <031f01c04b27\$08958bc0\$de56d9d8@sarcos.com>

McMaster-Carr has one of the all time great catalogs, if you can get them to send you one. Web site has everything, though. Great prices, generally. I recommend them, also.

Bruce kk7zz

Date: Fri, 10 Nov 2000 10:10:51 -0500
From: k8ff@juno.com
To: qrp-l@lehigh.edu
Subject: [83695] Visit to Columbus, OH
Message-ID: <20001110.101055.-844693.0.k8ff@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I will be in the Columbus, Ohio area tomorrow and wonder if there are any good surplus stores to visit. My XYL is attending a conference in Columbus and I will have some time to kill and will be looking for something to do. Does anyone in the area have any suggestions??

Regards, Wayne K8FF

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Fri, 10 Nov 2000 07:44:46 -0800 (PST)

From: Richard Fisher <ki6sn@yahoo.com>

To: QRP-L Reflector <qrp-l@lehigh.edu>

Cc: KI6SN@yahoo.com

Subject: [83696] Now Showing: The ARS Sojourner

Message-ID: <20001110154446.14859.qmail@web206.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

The November edition of the Adventure Radio Society's monthly web magazine - The ARS Sojourner - is hot off the presses and just a click away at: <http://www.natworld.com/ars>

This month's edition features a whole mountain range of topics by some of the most talented writers in the world of outdoor QRP. Here's what you'll find:

- + A look at the Elecraft K-1 in the field, by Cam Hartford, N6GA
- + High Points North, by John Cumming, VE3JC
- + VHF Contesting, Oregon Style: A Top of the World Adventure, by Roger Hayward, KA7EXM+
- + A Portable 20M Vertical Phased Array, by Paul Stroud, AA4XX
- + A CW Concerto: Piano-Style Paddles for Backpacking, by Bruce Grubbs, N7CEE
- + Status Report on the ARS Rendezvous, by Russ Carpenter, AA7QU
- + Results and soapbox comments from the November Spartan Sprint
- + The Wilderness Alerts for November, 2000 (regularly updated)
- + Our Readers Write: Letters to The ARS Sojourner
- + Who's Who And Who's New: New Members of the Adventure Radio Society
- + From Our Vantage Point: An ARS Sojourner editorial
- + A rundown of upcoming ARS events, including the December Spartan Sprint on December 4, 2000

We hope you enjoy this edition of The ARS Sojourner. As always, we appreciate your suggestions, comments and criticisms. And if you have an article you'd like considered for publication in an upcoming edition, please let us know.

Vy 72,

Richard Fisher, KI6SN
Executive editor, The ARS Sojourner
Riverside, CA
KI6SN@yahoo.com

Do You Yahoo!?
Thousands of Stores. Millions of Products. All in one Place.
<http://shopping.yahoo.com/>

Date: Fri, 10 Nov 2000 08:45:51 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: <qrp-l@lehigh.EDU>
Subject: [83697] Re: Service! Wow!
Message-ID: <003d01c04b2d\$4f0ae720\$f2142aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>The other day I went to the McMaster-Carr Web site
<http://www.mcmaster.com>
>looking for some Bristol wrenches to use with my R-390A receiver
restoration
>(any other QRP-L members familiar with these sets?)

Since you asked-----Bristol set screws are used to attach static
wicks to the wing tips of several types of jet transport airplanes.
Bob Baxter AA7EQ Bisbee, Az.

Date: Fri, 10 Nov 2000 08:04:20 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [83698] PSK:Warbler Trick or Tweak (groan)

Message-ID: <3A0C1C83.34ADD3B5@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

I just realized that I have been on the air with my Warbler EVERY evening since I built it almost two weeks ago. Every time I get on the air I make multiple contacts. I have seven states in the log. There is no doubt that the Warbler is a serious rig. This ain't no "toy radio" folks.

One evening during a round table I asked several stations to check my IMD. I was dismayed to find it was only -15 dB. This had to be fixed.

I discovered that the Windows 98 "volume" control setting changed in rather coarse steps, not linearly. I was already down to the lowest possible step that produced output but was still overdriving the sound card. The cure was to break the PC board trace between J2 and the junction of capacitors C1 and C101 and insert a 100k ohm pot. Audio from the sound card is fed to the outside pins of the pot (from J2) and the center (slider) connects to C1 and C101. Now with the Win98 volume control set to mid scale I can adjust the audio drive from zero to four watts output with DigiPan in Tune mode. I adjust the pot to the point where the r.f. output just stops increasing and then back down slightly. I am happy to report that my IMD has gone from - 15 dB to -24 dB.

I noticed another problem. If I moved the cables going from the sound card to the Warbler, the output power would change slightly. I put a ferrite choke on the cables and the problem disappeared. Note that my antenna is a roof mounted vertical and one of the 80 meter radials passes directly over the ceiling of my shack. It is no more than three or four feet away. And the Warbler is sitting naked (no cabinet) on top of the desk.

Just so there is no misunderstanding, none of these problems can be traced back to the Warbler itself. It's a fantastic little rig and I love it. See you in the waterfall.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~KD7S>

Date: Fri, 10 Nov 2000 10:12:50 -0600
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: qrp-1@lehigh.edu
Subject: [83699] Yaesu FT-817 and satellite operation
Message-ID: <4.3.2.7.2.20001110100619.00baf720@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>Does this mean that the dual "VFOs" will allow full-duplex cross-band
>operation for satellite work? The supplied antenna appears to be a
>VHF/UHF rubber ducky.

No. It means half/duplex operation - ie, tx freq. stored in a memory with
a rx freq. in the same memory on a different band. So, when you hit the tx
button, your radio changes bands but you cannot hear while
transmitting. Also, HF comes out on the same connector. VHF/UHF comes out
on the other connector. Therefore, if you are doing half-duplex work on
different bands but they are BOTH in HF or BOTH on V/U, then your antenna
has to work on both bands as well.

Examples:

RS mode K - 15 m tx, 10 m rx - same connector - antenna has to work on both
15 and 10.

RS mode A - 2 m tx, 10 m rx - different connectors - hf antenna on one
connector for 10 meters and a different antenna for 2 meters on the other
connector.

Mode B - 70cm tx, 2 m receive - same antenna for both 70cm and 2 meters has
to be dual band.

This provides for tricky satellite operation as you cannot hear your signal
while transmitting but it can be done if you pay close attention to the
satellite band plan and account for doppler shift. In fact, doppler shift
is so small on 15 meters and 10 meters that folks have used regular HF rigs
that operate dual VFOs on different bands but do not operate full-duplex
for quite a while. So, YES, it is a satellite capable rig, just not a full
duplex, full featured one.

Ed, N5EM

Date: Fri, 10 Nov 2000 11:22:19 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83700] New Altoids Tin
Message-ID: <016c01c04b32\$a779cfc0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you like the Altoids tin for building little projects in, but felt it
was just
a little bit too big...

They have a new 'sampler tin' that is something like .4oz that they are
selling at CVS for \$1.29

This tin looks only marginally bigger than a 9v battery.

I have a bunch of Altoids now, and tins to match, but these new tins
just
look so neat I ended up buying three of them last night.

Mike

Date: Fri, 10 Nov 2000 11:23:41 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'ka9nzi@arrl.net'" <ka9nzi@arrl.net>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [83701] RE: CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C67A@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> I have decided to complain to the Directors that this has not been
> handled in a responsible manner. But I don't hope for much response.
> Oh well.

Hello, Gary (et al),

Contact info for all ARRL Directors is available at:

<http://www.arrl.org/divisions>

Your input should be directed to the ARRL Director in your Division.

73,

Ed Hare, W1RFI

ARRL Laboratory Supervisor

225 Main St

Newington, CT 06111

Tel: 860-594-0318

FAX: 860-594-0259

Internet: w1rfi@arrl.org

ARRL Web: <http://www.arrl.org>

ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Gary Lee Phillips KA9NZI [mailto:ka9nzi@arrl.net]

Sent: Friday, November 10, 2000 10:02 AM

To: Low Power Amateur Radio Discussion

Subject: CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)

Yes, even the "qso-template" page does not measure up to the quality of a serious data processing specification. And there is no reason that it should, since it is obviously the programmer's own notes. As is usually the case, programmers do not make good documenters. Things they think are "obvious" will not be so, even to another programmer (and I *am* one of those, with 20+ years of professional experience.) A file specification like this needs to include the precise character set to be used, record separators to be used (if any, obviously needed in this case) and many more details than are provided on Trey Garlough's site. Note that I am not blaming Garlough. The League is at fault for not taking sufficient responsibility to make sure this was done properly BEFORE trying to enforce it.

I am confident it will affect the number of logs they receive and the form in which they are sent, and I also think the results will not be at all what they were hoping for.

For the QRP user who wants a "QRP" (small, efficient, fairly simple) approach and who uses Windows, K7RE's QRPDUpe is the easiest choice I've seen so far.

For anyone (including non-windows users) who has a working logging program (even if it's just a spreadsheet) and doesn't want to switch, the other option is to use a conversion routine to take the ASCII output from the preferred program and turn it into Cabrillo. This could be done in any number of languages, or as direct output from a

spreadsheet or database. For the LINUX user, who has common UNIX-like tools such as PERL or GAWK available, this shouldn't be too difficult. Unfortunately, since the input files will vary, it is hard to come up with a generic solution that can be shared around.

I have decided to complain to the Directors that this has not been handled in a responsible manner. But I don't hope for much response. Oh well.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 10 Nov 2000 11:22:50 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83702] Re: OT: Trickle charger controller for station battery bank?
Message-ID: <1001010112249.LAA26363@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 11/9/00 7:10 PM, Allan G Taylor at k7gt@qsl.net wrote:

>I would appreciate detailed references as to how to build or
>where to buy such a device. Again, I have a 19V source that will
>likely sustain 15V at 1.5A and would like to trickle-charge a
>significant lead acid battery bank.

Your unregulated supply might be usable as-is, if it were applied carefully.

The key to charging Lead-Acid batteries is to a) maintain sufficient cell voltage without b) boiling away the electrolyte with excess charging. Undercharging cells can lead to sulfating, which renders the battery incapable of taking a charge. Your current practice of charging the batteries every few months may result in this. It's the main failure mode of lead-acid cells. The other problem with using an automotive charger is that most charge at a high rate all the time -- if you forget and leave it on too long, you'll damage the battery by reducing the electrolyte.

Since lead-acid cells self-discharge over time, keeping sufficient charge is a matter of monitoring cell voltage and applying charge current when appropriate. If the charge rate is low enough, it can be left on all the time without damage to the cell. (Essentially, other than compensating for self-discharge, this charge current heats the cell and keeps it warm, which isn't bad so long as it doesn't get too hot to evaporate all the

electrolyte)

There are two-rate charger designs which charge at a high current initially, then when the battery voltage rises to a given point, a low current is maintained to keep the battery at the fully-charged state. Any good charging system should have this feature.

A quick search of the ARRL QST/QEX index indicates a May 1994 article on a lead-acid battery charger. Perhaps that's a start.

--

One note: You mentioned you used automotive batteries. I'd suggest these batteries aren't well-designed for this service. Auto batteries are designed to give one massive discharge (engine start), then be continuously recharged (engine run). They aren't designed to be gradually discharged over time. When pressed into this service, the cells can short out (rendering the battery useless) after just a dozen cycles.

The proper battery is one designed for this service -- a so-called deep cycle battery. They are also called marine batteries due to their use to power electric trolling motors. It has a different plate construction that's more conducive to gradual discharge.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Fri, 10 Nov 2000 11:30:07 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [83703] WTB: CW Filter for IC-735
Message-ID: <015b01c04b33\$7f16f480\$4f755acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

looking for the INRAD 400 hz cw filter or the Icom FL-32A 500hz filter for the IC-735

Please email with details and price

thanks

Tim
NZ8J

Date: Fri, 10 Nov 2000 11:34:02 -0500
From: fflynn@together.net
To: qrp-1@lehigh.edu
Subject: [83704] Schematic and pcboard software - cheap
Message-ID: <3a0c237a.4912.0@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Visit the Bpecs page:

<http://www.bestproto.com/bpecs.html>

I've used this to make some nice little boards.

\$30 to register it.

-Fran Km1z

Date: Fri, 10 Nov 2000 10:38:22 -0600
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <muglesto@megsinet.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83705] Re: Keyer
Message-ID: <006701c04b34\$e5d07380\$0200000a@mcg.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brad, this is my best guess. Either there is a short between the dot and dash paddle inputs or the chip is bad. Unplug the paddle and use a clip lead to connect a ground to the dot or dash paddle contact on the keyer jack. If you get a continuous run of dots or dashes, your paddle is not working/wired correctly. If the condition still happens check the wiring and circuit traces in the keyer again for a short or a solder bridge.

Hope this helps,

73 de Cla KA0GKC

> Problem - it doesn't matter which paddle I press I get a series of dah dit
> dah dit dah dit.....
> de KI00T, Brad

Date: Fri, 10 Nov 2000 09:48:58 +0000
From: Chuck Adams <k7qo@primenet.com>
To: jsm@gulfislands.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83706] Re: CQ: AL, MS, WY, New England!
Message-ID: <4.3.2.7.0.20001110094344.00af2b60@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:40 PM 11/9/00 -0800, Steve McDonald wrote:

> CT DE IN ME MD NE NH RI VT
>
>
>
>73 - Steve / VE7SL
>
>2N2222 @ 400mW / half-sloper / 7040.0

For the first station in each of the above states that works Steve
I will give them a CD of either the QRP-L archives up to date plus
some added stuff from me (no, these are not available to anyone else
until the next update) and a Morse Plain Text or SS CW CD at the speed
of his/her choice. This will take me three hours per for each one,
so I don't do this lightly.

This offer good until Steve gets all the rest. He will send me email
when he gets each state and who and where etc.

I had the honor of working Steve several times on his TT2 and I'd like
to see him be the first that I know of to get all 50 states from Canada
on a TT2.

FYI

Chuck Adams, K7QO Prescott, AZ

Date: Fri, 10 Nov 2000 12:04:17 -0500
From: fflynn@together.net
To: qrp-1@lehigh.edu
Subject: [83707] Schematic and pcboard - no web? - Bpecs phone #
Message-ID: <3a0c2a91.4e38.0@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In case you don't have WWW access:

"Version 3.1c released 2 Nov 1999.

You may order a 3.5" disk from Best Proto for \$10 which will be sent in the mail or you can download the BPECS32 software BP32.ZIP for free. It will set up in demo mode. Phone us at (619) 692-1255 (9AM - 5PM PST.) with your credit card to purchase a license and passcode."

No, I don't work for these guys, I just use the software and I think it works pretty well for the price.

If you get some of that "peel-n-stick" stuff, you can make some half way decent boards. Good enough for homebrew QRP anyway.

Fran KM1Z

Date: Fri, 10 Nov 2000 09:06:29 -0800
From: Jeff Stai WK6I <jstai@home.com>
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83708] Re: CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)
Message-ID: <3A0C2B15.65292C2D@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK - If you are going to complain, why not include a list of specific questions with your complaint?

(I have participated in the development and writing of industry standards for 20+ years - the resolution of questions against a

proposed standard is a normal part of the process.)

Your list of questions would certainly illustrate that the spec is unclear, and would also be a step towards clarifying it.

Be part of the solution!

- js wk6i

ps: To whom it may concern, I would be glad to be a part of the process of writing a better Cabrillo spec. References available on request.

"Hare,Ed, W1RFI" wrote:

>
> > I have decided to complain to the Directors that this has not been
> > handled in a responsible manner. But I don't hope for much response.
> > Oh well.
>
> Hello, Gary (et al),
>
> Contact info for all ARRL Directors is available at:
>
> <http://www.arrl.org/divisions>
>
> Your input should be directed to the ARRL Director in your Division.

--

jeff stai
WK6I DM13
NAR #21059 TRA #3356 L2
jstai@home.com / wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>

Date: Fri, 10 Nov 2000 11:17:36 -0600
From: "Pat Cain, K0PC" <pcain@netscape.net>
To: qrp-1@Lehigh.EDU
Subject: [83709] FOX- Log from hunt #6, Oh what a night!
Message-ID: <4.2.0.58.20001110105912.00cb4d10@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

I haven't got one patch of fur left on my body! My pelt was split up 127=20
ways last night, not a big piece for any of you but I hope you are happy. I=
=20

know I am, that was more fun than a guy my age should be allowed to have.

I was worried about the proton storm causing problems but propagation was=20
excellent here. Final tally was 127 QSOs in 36 states and 3 provinces. Good=
=20

signals from all parts of the country. It was just amazing to hear that=20
solid wall of signals, and all at 5W or less. I'm kind of hooked on this=20
now, I think I'll take my next vacation on Heard Island.

I want to sincerely thank all the hounds who joined the hunt last night. I=
=20

know there were some I missed and I apologize. Thanks also to the Foxhunt=20
Committee N1TP, K=D8EVZ, K1MG, N1FN, & K7Q0. Your hard work is appreciated=
by=20
all.

72,
Pat K=D8PC

Here's the log, I hope you're on it.

0200	N1LN	559	TX	BRUCE	5W
0201	W5YR	559	TX	GEO	5W
0202	N0UR	599	MN	JIM	5W
0202	N5TW	599	TX	TOM	5W
0203	K0MP	559	CO	BILL	5W
0204	N5ET	559	TX	BOB	5W
0204	W0RSP	579	SD	ADE	4W
0205	AA0ZZ	599	MN	CRAIG	5W
0205	W9XU	559	WI	LON	5W
0206	N4ROA	559	VA	DAN	4W
0207	K5JHP	559	TX	BILL	5W
0208	K5DI	599	NM	KARL	5W
0209	KI0II	599	CO	RON	5W
0209	K9IUA	559	ND	KEVIN	5W
0210	K4FB	559	FL	PAUL	5W
0211	K10J	559	TX	OJ	5W
0212	W5HNS	559	TX	HENRY	5W
0213	WJ1R	559	CO	LARRY	5W
0214	WE9K	599	WI	GLENN	5W
0214	K8DD	559	MI	HANK	5W
0215	KA1DDB	559	MI	MIKE	5W
0216	K8CV	559	MI	WALT	5W
0217	W0PWE	599	IA	JER	5W
0218	N0TU	599	CO	STEVE	5W
0218	KB9BVN	559	IN	BRIAN	5W
0220	W0UFO	599	MN	MERT	3W
0220	AF5Z	579	TX	BOB	5W

0221	N10DL	559	NH	ARON	5W
0222	N0AR	559	MN	SCOTT	5W
0223	N8IE	559	OH	DAN	3W
0224	N8VAR	559	OH	RON	5W
0224	K5AAR	559	OK	DON	5W
0225	K5ZTY	559	TX	BILL	5W
0226	N1FN	559	CO	ET	5W
0227	KG4BIG	579	KY	KEN	5W
0228	W8DIZ	559	OH	DIZ	5W
0228	KQ5U	559	TX	TERRY	5W
0229	K7RE	559	AZ	BRIAN	5W
0230	AE9K	599	WI	BRIAN	5W
0232	AA2PF	559	NY	DAVE	5W
0233	K5VUU	559	TX	ED	5W
0235	K2UD	559	NY	HOWARD	5W
0236	WA9TZE	559	WI	JIM	5W
0237	NQ7X	559	AZ	FLOYD	5W
0237	KC1FB	559	CT	JIM	5W
0238	K5DW	559	TX	DON	5W
0239	K4BYF	559	FL	JACK	5W
0240	KK5LD	559	TX	DAN	5W
0241	NK7M	579	AZ	BOB	5W
0241	W8SFF	559	MI	STEVE	5W
0242	W2APF	599	MA	THAIRE	5W
0243	AF4PS	559	FL	MAC	5W
0244	K0FRP	579	CO	AL	5W
0245	W5USJ	559	TX	CHUCK	4W
0246	N2CQ	559	NJ	KEN	5W
0247	KF4AR	579	NC	RICK	5W
0248	AB8DF	559	MI	ED	5W
0251	W0AV	599	MO	GEORGE	5W
0252	AF4LQ	579	KY	MIKE	5W
0252	K1JD	589	RI	JOHN	5W
0253	K2QO	579	NY	MARK	5W
0254	W0CH	559	MO	DAVE	5W
0255	VA6RF	579	AB	EARL	5W
0256	VE5RC	559	SK	BRUCE	5W
0257	N5IW	559	TX	DAVE	5W
0259	WE6W	559	CA	ED	5W
0300	N5ZE	559	TX	LEW	5W
0301	KB7WW	559	OR	ART	5W
0302	W1GL	579	MN	TED	5W
0302	WA0SXV	579	MO	MIKE	5W
0303	NW7DX	559	WA	BEN	5W
0304	K5OI	559	NM	TIM	5W
0305	AC5JH	559	OK	TOM	5W
0306	K7QO	559	AZ	CHUCK	2W
0307	N6WG	559	CA	BOB	5W

0307	AB0GO	559	CO	DAVE	5W
0308	AJ4AY	559	AL	JAY	5W
0309	NM5M	559	TX	ERIC	5W
0309	W5TB	559	TX	DOC	5W
0310	K7JY	599	WA	JOHN	5W
0311	K8ZT	559	OH	ANTHONY	4W
0312	K7FD	559	OR	JOHN	5W
0313	WA50JE	559	TX	DANNY	5W
0314	KB1ENS	559	VT	JOHN	5W
0315	N0DSP	559	CO	TOM	5W
0315	K5TCC	559	TX	DOC	5W
0316	NA6E	449	CA	MARY	5W
0317	K1CL	559	MA	CHUCK	4W
0318	WA7SPY	559	CA	GLENN	5W
0319	W6ABC	559	CA	JACK	5W
0319	W5SB	559	TX	BILL	5W
0320	K2FN	559	NJ	FRANK	5W
0321	K0EVZ	559	ND	DOC	5W
0322	N2ZHY	559	NJ	DAVID	5W
0323	N1TP	559	FL	TOM	5W
0324	NK9G	559	WI	RICK	5W
0326	NV4V	579	KY	PETE	5W
0327	N9AW	559	WI	JERRY	5W
0327	K5LN	559	TX	BILL	5W
0328	KU7Y	559	ID	RON	5W
0329	NK6A	559	CA	DON	5W
0330	W0JOE	559	MO	JOE	5W
0331	AG0T	559	ND	TODD	250MW
0332	WS4S	559	TN	CONARD	5W
0333	N5IB	559	LA	JIM	5W
0334	AA7EQ	559	AZ	BOB	5W
0334	N7CQR	559	OR	DAN	5W
0335	KV2X	559	NY	TOM	5W
0336	KA3WMJ	559	PA	KEN	4W
0337	WB9HFK	559	IL	MARK	5W
0338	KJ0C	559	MO	JIM	5W
0339	KI0RB	559	CO	VINCE	5W
0340	AB0CD	559	CO	DICK	5W
0341	WA7LNU	559	UT	JACK	5W
0342	N2LO	559	NJ	BOB	5W
0343	K5JS	559	LA	JOHN	2W
0344	K4TJD	559	GA	TOM	5W
0344	N9SE	559	IN	MARTY	1W
0346	KB7LJP	559	OR	JAMES	5W
0347	VE3FAL	559	ONT	FRED	5W
0349	N0EHW	599	MO	TIM	5W
0350	N2SMH	559	NJ	DAVID	5W
0351	K7EL	559	OR	DAVE	5W

0352	W3PNL	599	PA	JOE	3W
0353	AC3A	559	NY	SCOTT	5W
0354	NF0R	579	MO	DAVE	1W
0359	W4NJK	559	CA	CHARLIE	5W
0400	K0PC		MN	FOX	5W

73
PC (K=D8)

Date: Fri, 10 Nov 2000 12:29:01 -0500
From: John Wagner <john@neknetwork.com>
To: pcain@netscape.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83710] Re: FOX- Log from hunt #6, Oh what a night!
Message-ID: <3A0C305D.DED9147B@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

127 Q's!!!

WOW!!!

Great job Pat - you were a tough one to get, but I'm proud to be in your fox log.

73,

John, KB1ENS

"Pat Cain, K0PC" wrote:

>
> I haven't got one patch of fur left on my body! My pelt was split up 127
> ways last night, not a big piece for any of you but I hope you are happy. I
> know I am, that was more fun than a guy my age should be allowed to have.
>
> I was worried about the proton storm causing problems but propagation was
> excellent here. Final tally was 127 QSOs in 36 states and 3 provinces. Good

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Fri, 10 Nov 2000 09:34:46 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83711] Being an SWL while waiting for the Warbler to arrive
Message-ID: <003a01c04b3c\$859613a0\$ca0d480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I can't wait til the 2nd shipment of Warblers departs NJ! I've sent my money -- but I have the fever now!!

I was so desperate after reading all the posts from Doug, Bill, et. al., that I actually went to Radio Shack and purchased a stereo-mini- to stereo-mini patchcord so I could listen to PSK!

The Digipan freeware is fantastic!!!

Even if you don't have a Warbler, or any other way to transmit PSK, YOU OWE IT TO YOURSELF TO LISTEN IN ON THE PSK QSO'S!!

The software is free (look for the links on <http://psk31.com/>) and if you have a computer with soundcard in the shack, it is as simple as RCVR Audio output (headphone jack) - patch to - soundcard LINE input!

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Fri, 10 Nov 2000 12:41:35 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.edu>
Subject: [83712] [CONTEST] [SS] Non-cabrillo log wanted
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C681@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Could a few of you send me some of your non-cabrillo logs, in ascii? I have an idea for a simple post processor and want to have a few real ones to play around with.

Send them to w1rfi@arrl.org

Thanks,
Ed

Date: Fri, 10 Nov 2000 12:45:21 EST
From: Shepherd@aol.com
To: <qrp-1@lehigh.edu>, <fpqrp-1@mpna.com>
Subject: [83713] Need NL articles for the Dec Bacon Bits
Message-ID: <b8.db28a0f.273d8e36@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello all,
It's time for me to ask everyone for your stories, articles, etc.

I still am, but this month I would like to add a twist.

Please send me your best Xmas stories relating to Ham Radio ie: I got a new rig, I talked to Santa, I helped get someone in touch with, what ever.

With all the garbage going on with the elections, and lifes day to day troubles, lets share some good fashion heart warming Xmas stories with each other.

We'll make this issue a very special one!

As allways send them to n8ie@aol.com, and not here.

72, oo
Dan, N8IE

Date: Fri, 10 Nov 2000 12:58:54 -0500 (EST)
From: n2go@arrl.net
To: qrp-1@Lehigh.EDU
Subject: [83714] flex digi-mode interface ?
Message-ID: <Pine.LNX.4.20.0011101203330.3821-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I got the pcb from far circuits for the November 2000 qst project "A Flexible Digital-Mode Interface". Fortunately I had all the parts in my junk box.

I plan on using the interface with a FT1000D. The transciever has a connector on the back for a digital voice recorder (DVS-2). It has a PTT line, Voice-IN, Voice-Out, Cntrl-1, Cntrl-2, GND and 9+ vdc.

This is great because when the DVS PTT line is grounded, the phone patch and microphone inputs are muted and the transmitter is keyed. Cntrl-2 enables Voice-In.

It seems that I won't need K1 in the qst interface. The question is why not run the TL082 off of the 9VDC line at DVS-2 jack ? Although the FT1000D conveniently has a 12vdc phono jack on the back of the xcvr, it would be more convenient to use one cable from the radio to the interface.

Next problem is finding the matching DIN connector for DVS-2.....Anyone have one ?

I can't wait to try the new mode :)

73,

Jim n2go

Date: Thu, 9 Nov 2000 22:25:54 -0500
From: "Tim R. Havens" <n1rz@timhavens.com>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83715] Re: More Yaesu FT-817 info in December QST ad
Message-ID: <000401c04b40\$bf8309c0\$0201a8c0@ramphome.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Neither have I, just thought I've double check on that...
Tim

Thanks

----- Original Message -----
From: "Phil Wheeler" <w7ox@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, November 09, 2000 8:39 PM
Subject: Re: More Yaesu FT-817 info in December QST ad

>
>
> "Tim R. Havens" wrote:
> >
> > What's a type "M" Connector ??
> >
>
> The preliminary spec says "M [S0-239] on Back"
>
> So I guess it's our old friend the PL259/S0-239 combo. I've never seen
> it referred to as a Type M, though.
>
> Phil W7OX
>

Date: Fri, 10 Nov 2000 13:29:43 -0500
From: "Ham" <k1vp@lawson-philpot.com>
To: <k7qo@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83716] Re: CQ: AL, MS, WY, New England!
Message-ID: <009101c04b44\$330ca560\$0e01a8c0@office.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
> For the first station in each of the above states that works Steve
> I will give them a CD of either the QRP-L archives up to date plus
> some added stuff from me (no, these are not available to anyone else
> until the next update) and a Morse Plain Text or SS CW CD at the speed
> of his/her choice. This will take me three hours per for each one,
> so I don't do this lightly.
>
> This offer good until Steve gets all the rest. He will send me email
> when he gets each state and who and where etc.

Chuck once again shows what hamming and the list are all about.
First class all the way.

Ed Lawson (who really wants to get the CDs)

K1VP
NH

Date: Fri, 10 Nov 2000 13:22:41 -0500
From: "David Maliniak" <dmaliniak@verticalnet.com>
To: <qrp-l@lehigh.edu>
Subject: [83717] FOX-Thanks for the pelt (and small correction)
Message-ID: <003101c04b43\$373228a0\$1c01a8c0@vertical.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Pat:

I think 127 QSOs is either a record or real close to it. You were not strong for me but my antenna isn't the best (W3EDP wire up in my tree). You were knocking out the Qs right and left... outstanding job! I've been a Fox too and I know how tough it can be.

One minor correction to my line in your log:

0350 N2SMH 559 NJ DAVID 5W

If I sent 5W, it was an error on my part. I had been trying earlier to nab you using my K2 at 5W. With split VFOs, tight filtering, etc., I couldn't nail you. It was only later, when I switched over to my recently-completed 2N2/40 at 2 W that I made the trip! That with one VFO and no RIT to boot. Had to listen to you from on high... hi hi.

So make the 5 W power 2 W for me... and thanks again for the QSO!

72,
David N2SMH
Glen Rock, NJ

Date: Fri, 10 Nov 2000 10:09:34 -0800
From: Randy Foltz <rfoltz@turbonet.com>
To: qrp1_post <qrp-l@lehigh.edu>
Subject: [83718] CONTEST: QRP ARCI 2001 Contests
Message-ID: <3A0C39DE.ED12DCBA@turbonet.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've put the list of QRP ARCI sponsored contests for 2001 on the web page at
<http://personal.palouse.net/rfoltz/arci/arcitst.htm>

The major change is in the date of the Fall QSO Party. It has been the 3rd weekend of October. That is the same weekend as Pacificon. The 4th weekend is CQ WW SSB contest making 40 m nearly useless. The 2nd weekend is the FISTS QSO Party. With their fqs ending in 058 considerable interference would result. For 2001 I chose the 5th weekend in September, Sep 29 and 30.

The two SSB contests have power multipliers consistent with QRP ARCI definition of SSB QRP, i.e. 10 W PEP.

The 2001 calendar is

Feb 11 - Winter Fireside SSB Sprint
April 14 & 15 - Spring QSO Party
May 27 - Hootowl CW Sprint
June 23 & 24 - Milliwatt Field Day
July 15 - Summer Homebrew CW Sprint
Aug 5 - Summer Daze SSB Sprint
Sep 9 - End of Summer PSK-31 Sprint
Sep 29 & 30 - Fall QSO Party
Nov 3, 4, 5 - Running of the Bulls
Dec 2 - Holiday Spirits CW Sprint

73,
Randy, K7TQ
QRP ARCI Contest Chairman

Date: Fri, 10 Nov 2000 13:32:24 -0500 (EST)
From: William Mabry <n4qa@juno.com>
To: qrp-l@lehigh.edu
Subject: [83719] More (than you ever wanted) on the Meissner Signal Shifter QRP rig
Message-ID: <385196843.973881144839.JavaMail.root@web114-wra.mail.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

-----Original Message-----

From:n4qa@juno.com

Sent: November 10, 2000 6:15:44 PM GMT

Subject: More (than you ever wanted) on the Meissner Signal Shifter QRP rig

Hi,gang.

If you look at the pix of the MSS, EX over at eBay, be sure to "enlarge" the image of the upper-insides of the rig.
Near the back end of the coil-turret you will see the two voltage regulator tubes glowing ! The power was actually applied to the rig as the pix were taken ! The one glowing orange is the OA3 VR-75 and the less-noticeable one is the OD3 VR-150 which glows purple.

Also, there is an older Meissner Deluxe Signal Shifter at auction, several listings below the one for the EX, FMX.

It was THIS model which had no xtal control and which became infamously known as the "Meissner Signal Drifter" etc. :)

The EX, of course, continued that tradition whenever one attempted to operate it in ECO or, more recognizably today, VFO mode.

And that's our little history lesson for today :)

73-1,

Bill, N4QA

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at <http://profiles.msn.com>.

Date: Fri, 10 Nov 2000 13:40:05 -0500

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [83720] RE: AL, MS, WY, New England!

Message-ID: <125490A005E3D3118C9C00805FC743CC0179C683@kahless.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

To help, here is the prediction for a sunspot number of 150 on 11/11 between BC and CT, 1 watt of power and isotropic antennas.

<http://www.arrl.org/~ehare/qrp/ne-bc.jpg>

Looks like 40 M at 1100 is about the best bet.

With the geomagnetic storm going on, though, Saturday doesn't look great.

73,

Ed Hare, W1RFI

ARRL Laboratory Supervisor

225 Main St

Newington, CT 06111

Tel: 860-594-0318

FAX: 860-594-0259

Internet: w1rfi@arrl.org

ARRL Web: <http://www.arrl.org>

ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Steve McDonald [<mailto:jsm@gulfislands.com>]

Sent: Thursday, November 09, 2000 8:40 PM

To: Low Power Amateur Radio Discussion

Subject: CQ: AL, MS, WY, New England!

Anybody in these states willing to run a 40m sked? Still need those plus the following to complete my Tuna Tin II W.A.S. on 7040. - CT DE
IN ME MD NE NH RI VT

Early morning seems best, around your sunrise or the hour before. Please let me know if you can help.

73 - Steve / VE7SL

2N2222 @ 400mW / half-sloper / 7040.0

Date: Fri, 10 Nov 2000 14:00:12 -0500

From: hamjoel@juno.com

To: qrp-l@lehigh.edu

Subject: [83721] WHO DAT NEEDS MAINE?
Message-ID: <20001110.140114.-324103.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

THE STATION NEEDING A MAINE CONTACT
LET ME KNEAUX THE TIME AND FREQ U WANT
AND i WILL BE THERE..

I think u r in canada somewhere... so when I find out where I will turn
my wire ant ur way iff in I can... I think I can...

KE1LA JOEL
IN MAINE
LOVE TUNNA FISH...

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 10 Nov 2000 14:16:03 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: jstai@home.com
Cc: qrp-l@lehigh.edu
Subject: [83722] Re: CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)
Message-ID: <3A0C4973.2604@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeff,

Give him a break! He is stating the basic problem with
Cabrillo. I
am sure he will get around to writing his exact complaints.

I wonder if Cabrillo is causing as much discussion on the contest
reflectors? I have already hears the League is getting more hand
written entries than last year! I'd bet the entry totals drop off from
last year as well!

73

Date: Fri, 10 Nov 2000 13:30:56 -0600

From: "Aartec" <aartec@dwx.com>
To: <qrp-1@Lehigh.EDU>
Subject: [83723] Re: Anti static protection
Message-ID: <000201c04b4c\$c1714ec0\$9bc6cecf@b6v6o9>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve,
I am not familiar with the drafting ink trick but I recently received a flyer from Marvin P. Jones and noticed that they are selling an anti-static mat for \$14.95. It is advertised as a Rubbermaid 2042. I am not familiar with that mat and I have no experience ordering with MP Jones, but the price looks good. Good luck.

72
Jerry
WOPWE

Date: 10 Nov 00 14:36:41 EST
From: M Goins <mgoins@usa.net>
To: qrp-1@LeHigh.EDU
Subject: [83724] white mountain ssb question
Message-ID: <20001110193641.27950.qmail@aw162.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Anyone familiar with the Small Wonder Labs White Mountain SSB rigs?
Considering construction of one to use bicycle mobile (recumbant bike, under
seat steering). =

Plan to try it with a dsw-20, but want to consider qrp ssb too.

mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Fri, 10 Nov 2000 11:42:30 -0800

From: Jeff Stai WK6I <jstai@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [83725] Re: CONTEST- QRP Cabrillo (was: Contest: QRPDUPE: Reminder)
Message-ID: <3A0C4FA6.22DCEA5A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hi Bruce - C'mon, if he has gotten to this point he has already thought about it enough to have a list in his head, at least. The complaint becomes far more effective when specific issues are raised.

But my message was more a dig at ARRL to finish the job... in my experience, half a standard is WORSE than none at all... and I do mean my offer to help!

- j

Bruce Muscolino wrote:

>
> Jeff,
>
> Give him a break! He is stating the basic problem with
Cabrillo. I
> am sure he will get around to writing his exact complaints.
>
> I wonder if Cabrillo is causing as much discussion on the contest
> reflectors? I have already hears the League is getting more hand
> written entries than last year! I'd bet the entry totals drop off from
> last year as well!
>
> 73

--

jeff stai
WK6I DM13
NAR #21059 TRA #3356 L2
jstai@home.com / wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>

Date: Fri, 10 Nov 2000 13:36:31 -0600
From: "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>
To: <qrp-1@lehigh.edu>
Subject: [83726] CW Abbreviations
Message-ID: <00af01c04b4f\$26ec64e0\$75c63004@timkd5ck>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Back a couple of years ago or it seems anyhow ... I compiled a list of CW abbreviations from a old issue of "Ham World Magazine" or something like that. I don't recall the name of the magazine and cannot locate it and the old HD has been formatted way too many times to recall. I have search the archives and come up empty. I am reasonably sure that I put the list here on QRP-L, but the archives show no sign of it. Does anyone recall this and possibly saved the list to their personal HD. I would appreciate it if someone could reproduce the list from whatever archive.

Please reply directly if you have information. No need to flood the reflector with old news.

Thanks for the bandwidth and your time.
73 de KD5CKP

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 10 Nov 2000 14:23:15 -0600
From: "Lawrence T. Owens" <w4dec@dibbs.net>
To: qrp-l@Lehigh.edu
Subject: [83727] SS Score & Comments
Message-ID: <3A0C5933.5686@dibbs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Hr is my Blow-Hard comments to the group:
Used Elecraft K2 for entire contest had my 160 meter Vee antenna conected to Antenna Nr. 2 of the K2 and my Cushcraft A4s to antenna nr.1. Very interesting switching the back an forth. The beam was best on most signals but the 160 Vee was stronger on others. The k2 with the antenna KA2T tuner worked great from 160 thru 10 meters on the VEE with SWR no greater than 1.5 to 1 anywhere. The antenna lead were brought in directly to the K2 without going thru any switches, and worked great that way.

Chuck, K7Q0: enjoyed your long very interesting comments on contesting.

Hits the nail right on the head. Any problems I had here were operator problems. I tried to operate at around 22 to 24 WPM most of the time, especially when CQing. Had no trouble with anyones speed as I can get most reports from 40 to 50 WPM , Over that I have trouble , once in a while get my fingers tangled up in the keys.

Here's the Scoop:

160	1 QSO	2 points
80	37	74
40	66	132
20	87	174
15	165	330
10	71	142

total 427 854 x 76 multipliers = 64,904

Worked 40 Q stations most on this list and disappointed that I didn't get more of you. Was real lucky and had one run on 15 meters of over a 100 stations. was able to hold the freq for more than an hour.

I had the impression that there wasn't the activity this year as in the past. Any comments about that. Worked total of 19 hr 48 minutes. Should have kept my nose to the grindstone a little longer.

Have enjoyed all your comments on this reflector.

73 till the next one.

Larry (W4DEC)

Date: Fri, 10 Nov 2000 14:11:03 -0700
From: Roy <marion@montana.com>
To: w4dec@dibbs.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83728] Re: SS Score & Comments
Message-ID: <4.3.1.2.20001110134314.00a76150@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:23 PM 11/10/00 -0600, Lawrence T. Owens wrote:

>Gang,

> I had the impression that there wasn't the activity this year as
> in the
>past. Any comments about that.

The CW activity was down, and will go down year by year. New hams who only do 5 wpm to get a license will never get to contest speeds, I can barely do it myself. The insistence that CW contesting be done at 40wpm and up is discouraging to new hams. CW SS is my favorite contest, but I have never

got a sweep, and work fewer sections every year. Some sections are already
maned by only one OP, and the vicious pileups on him are no fun for most
QRO ops, let alone a QRPer.. Thats if he works a frequency. This fantasy
that some have that the Internet generation is going to get into an
antiquated mode in any significant numbers is just that, a fantasy. Enjoy
CW while you can, she's sinking fast. 73 Roy AB7CE

Date: Fri, 10 Nov 2000 15:17:24 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [83729] WTB: Tube Tester
Message-ID: <012101c04b5b\$a18aa8e0\$0100a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a good tube tester. Mutual conductance rather than a simple
filament emissions tester.

Good working order with available documentation.

Contact me privately to discuss details.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

Date: Fri, 10 Nov 2000 13:37:31 -0800
From: David Castor <dpcastor@home.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83730] Re: SS Score & Comments
Message-ID: <3A0C6A9B.DEE3493B@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As I listened to stations flinging question marks back and forth at each other at about 40 wpm during SS, I started wondering if the high speed was really being as productive for them as they want it to be.

Can some of you more serious testers out there tell me if there is any consensus on the most productive speed for CW contests? Has anyone ever tried to correlate CW speed with scoring? Is there a point of diminishing returns?

(Just curious)

73,

Dave, K7EL

Roy wrote:

>

.... The insistence that CW contesting be done at 40wpm and up is
> discouraging to new hams.

Date: Fri, 10 Nov 2000 17:19:05 -0500

From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>

To: <mgoins@usa.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [83731] RE: white mountain ssb question

Message-ID: <LPBBJAGIPFHKPJENAKLOEEANCPAA.n1bq@wulfdn.org>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have a WM-20 I built and a WM-75 I bought used ... they are pretty nice ... small, sip lightly at the power juice and good construction instructions (I just wished my fingers weren't so banged up from 'life' ... winding toroids in general is a bummer for me, but I get by) there actually aren't that many to wind in the WM series kits ... I have seen other rigs with way more to wind ... best of all Dave, NN1G gives top notch support ...

72 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W

WideN-N digi and weather station in Underhill Center, VT

mailto:n1bq@wulfdn.org

AMSAT LM-1418 NJQRP #274

QRP-L #2276 Zombie #768

> -----Original Message-----

> From: M Goins

> Sent: Friday, November 10, 2000 14:37 PM

>

> Anyone familiar with the Small Wonder Labs White Mountain SSB rigs?

> Considering construction of one to use bicycle mobile

> (recumbant bike, under seat steering).

>

> Plan to try it with a dsw-20, but want to consider qrp ssb too.

Date: Fri, 10 Nov 2000 17:17:50 -0500

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: "'marion@montana.com'" <marion@montana.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [83732] CW Speed (was RE: ** Score & Comments)

Message-ID: <125490A005E3D3118C9C00805FC743CC0179C696@kahless.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

> New hams who only do 5 wpm to get a license will never get to

> contest speeds, I can barely do it myself. The insistence that

> CW contesting be done at 40wpm and up is discouraging to new hams.

I agree with the general principle expressed here. It is, IMHO, an extension of the more fundamental premise -- there is a big gap between 5 wpm and the conversational or contest speeds used by most CW aficionados. How are we, as a primarily CW community, going to help foster the interests and development of the new hams who are learning and passing a 5 wpm test? Can we do so? When I got on the air as a Novice in 1963, at 4 wpm, I found plenty of people to talk to. Using the very natural process of getting on the air and having QSOs, I naturally progressed to 13 wpm and passed my General. Though I didn't upgrade from there my first time around, I progressed equally naturally to about 30 wpm.

What about today? Where and how will that 5 wpm-tested ham who wants to give CW a whirl find the 5, 6, 8, 10, 13, 20 ++ wpm hams to naturally increase code speed? Us? Let's face it, if we are tuning the bands and hear a 4 wpm CQ, are we really going to answer it and give the guy or gal a contact? Some of us, some times, perhaps, but for the most part, that new ham will not get answers and will go back up the band where he or she can talk to other hams quite enjoyably on phone, or will stay on the lower part of the band and use one of those new fangled digital modes -- on my operating frequency, I am sure. :-)

The only way most hams will have of getting from 5 wpm to 25 wpm is by code practice -- W1AW or computer. I gotta' tell ya', folks; had that been my only option in 1963, I would NOT have found it enjoyable and would have found ham radio to be a lot less exciting than the other things competing for my attention, even back then.

In the SS, I stuck at about 18 wpm. I did get one call from a slower ham, and had to remind myself to slow down. I got a LOT of calls from faster hams. Maybe some know me and knew that 40 wpm is just fine, but many did not know my code capability, but called me QRQ anyway. If I was a 5 wpm ham, I would not even think of calling CQ. Heck, even at 15 wpm, I would be scared to death that some hotshot would embarrass the heck out of me.

With the reality of restructuring, the real future of CW is in our hands ("our" being the experienced CW ops). If we don't take the time to foster the development of CW ops, 20 years from now we will have only those of us who are still alive, talking at 30+ wpm to each other, in between the phone and digital stations, bemoaning the loss of the good old days when hams were hams because they were tested for CW. It is a future that is entirely likely, unless we take the time to give the time to those of the new hams who will find out for themselves just what is so cool and fun about CW. So far, I am not encouraged -- I see little time being given, and little slow-speed CW activity. The two factors are feeding on each other, and my favorite mode, though always permitted to me, will indeed see fewer and fewer proponents.

73,
Ed Hare, W1RFI

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Roy [<mailto:marion@montana.com>]
Sent: Friday, November 10, 2000 4:11 PM
To: Low Power Amateur Radio Discussion

Subject: Re: SS Score & Comments

At 02:23 PM 11/10/00 -0600, Lawrence T. Owens wrote:

>Gang,

> I had the impression that there wasn't the activity this year as
> in the
>past. Any comments about that.

The CW activity was down, and will go down year by year. New hams who only do 5 wpm to get a license will never get to contest speeds, I can barely do it myself. The insistence that CW contesting be done at 40wpm and up is discouraging to new hams. CW SS is my favorite contest, but I have never got a sweep, and work fewer sections every year. Some sections are already maned by only one OP, and the vicious pileups on him are no fun for most QRO ops, let alone a QRPer.. Thats if he works a frequency. This fantasy that some have that the Internet generation is going to get into an antiquated mode in any significant numbers is just that, a fantasy. Enjoy CW while you can, she's sinking fast. 73 Roy AB7CE

Date: Fri, 10 Nov 2000 17:22:22 -0500

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: "'kd5ckp@yahoo.com'" <kd5ckp@yahoo.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>

Cc: "Alvareztorres, Al, AA1D0" <aalvareztorres@arrl.org>

Subject: [83733] RE: CW Abbreviations

Message-ID: <125490A005E3D3118C9C00805FC743CC0179C697@kahless.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

The abbreviations stem from the old telegraphers "Phillips code." A web search yielded:

<http://webhome.idirect.com/~rrrobbie/pcode01.html>

<http://duke.usask.ca/~fowlerr/pcode.html>

In my experience, most of the abbreviations are common sense. WX HR CLDY ES COLD is pretty obvious to most. :-)

73,

Ed Hare, W1RFI

ARRL Laboratory Supervisor

225 Main St

Newington, CT 06111

Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Tim Billingsley KD5CKP [mailto:kd5ckp@yahoo.com]
Sent: Friday, November 10, 2000 2:37 PM
To: Low Power Amateur Radio Discussion
Subject: CW Abbreviations

Back a couple of years ago or it seems anyhow ... I compiled a list of CW abbreviations from a old issue of "Ham World Magazine" or something like that. I don't recall the name of the magazine and cannot locate it and the old HD has been formatted way too many times to recall. I have search the archives and come up empty. I am reasonably sure that I put the list here on QRP-L, but the archives show no sign of it. Does anyone recall this and possibly saved the list to their personal HD. I would appreciate it if someone could reproduce the list from whatever archive.

Please reply directly if you have information. No need to flood the reflector with old news.

Thanks for the bandwidth and your time.
73 de KD5CKP

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 10 Nov 2000 17:39:04 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>
Subject: [83734] 6 meter beam
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C699@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I don't remember whether I saw this on the antenna reflector or here, =

so I
am reposting here. Sorry that it is a bit OT.

73,=20
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

Unfortunately, I accidentally deleted a post from a fellow looking for =
a 6 M
beam that had a good SWR across the band. I used Antenna Optimizer and =
came
up with the following. The dimensions are for just the elements, no =
boom,
but they can be corrected for the presence of a boom using the usual
correction factors (ARRL Antenna Book, other sources). Being lazy, I =
won't
do all the math to translate the variables that AO calculated into the
actual dimensions, but I trust the format of the AO .ant file is =
reasonably
self explanatory.=20
3-Element Yagi
Over Ground
52.000 MHz
3 wires, feet
seg =3D 7
height =3D 10.5
dia =3D .625
f =3D 52
refl =3D 239.4162
del =3D 213.2212
dirr =3D 158.2793
ref =3D refl/f
de=3Ddel/f
dir=3Ddirr/f
front =3D 4.18
middle =3D 0
back =3D -4.18
seg back -ref height back ref height dia
seg middle -de height middle de height dia
seg front -dir height front dir height dia
1 source

Wire 2, center=20

The lines that start with "seg" are the antenna element lines. They are formatted as follows:=20

end 1 end 2 conductor diameter=20

#segments X Y Z X Y Z diameter=20

where #segments is the number of segments I used in the program calculations, X, Y and Z are the coordinates for the ends of each wire = used.

The performance of the antenna is:=20

```
+-----+
=A6Freq=A650.000=A651.000=A651.000=A653.000=A654.000=A6MHz=A6
+----+-----+-----+-----+-----+-----+----=A6
=A6Gain=A6 10.28=A6 10.41=A6 10.41=A6 10.68=A6 10.82=A6dBi=A6
=A6F/B =A6 15.99=A6 16.60=A6 16.60=A6 14.19=A6 12.90=A6 dB=A6
=A6Zr =A6 43.6=A6 47.4=A6 47.4=A6 56.5=A6 60.6=A6 _=A6
=A6Zi =A6 -8.76=A6 -2.02=A6 -2.02=A6 14.41=A6 23.2=A6 _=A6
=A6SWR =A6 1.29=A6 1.11=A6 1.11=A6 1.32=A6 1.55=A6 =A6
+----+-----+-----+-----+-----+-----+----=A6
=A6Gain=A6 10.29=A6 10.42=A6 10.42=A6 10.69=A6 10.82=A6dBi=A6
=A6F/B =A6 16.03=A6 16.56=A6 16.56=A6 14.18=A6 12.89=A6 dB=A6
=A6Zr =A6 43.8=A6 49.1=A6 49.1=A6 56.7=A6 60.9=A6 _=A6
=A6Zi =A6 -8.17=A6 -0.26=A6 -0.26=A6 15.15=A6 24.0=A6 _=A6
=A6SWR =A6 1.27=A6 1.06=A6 1.06=A6 1.34=A6 1.57=A6 =A6
+-----+
=A6Variable=A6 Value=A6 =7F_
=A6 refl=A6 239.4162=A6 0_
=A6 del=A6 213.2212=A6 0_
=A6 dirr=A6 158.2793=A6 0_=20
```

This was just a quick calculation -- I could have probably played more = with

element spacing, or not worried about having a 50 ohm feed point. A0 is MININEC based, so may not be as accurate as NEC-based models. What I = have

done for other antennas I have optimized is first us A0 to optimize, = then

re-enter the program into EZNEC, find out what it really does, then = make

minor tweaks in EZNEC to get it right. If my explanation of the A0 file = left

anything to be desired, email me this weekend at w1rfi@aol.com

<mailto:w1rfi@aol.com>. For now, I still have my AOL account. :-)=20

73, Ed Hare, W1RFI

Date: Fri, 10 Nov 2000 17:47:42 -5

From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-1@Lehigh.EDU
Subject: [83735] Ft Wayne QRP Forum is on!
Message-ID: <20001110224917.S0DJ29644.invictus@n8et>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I heard from the Ft. Wayne Hamfest Forum Chairman today. We are scheduled to have a QRP Forum at noon on Saturday November 18. It will be in the White Room for an hour.

I will bring a couple of things I have built over the past year, and several others have said they would bring some of their projects.

Bring your latest project or story and lets hook up. If you have something that you don't want to carry around all day - leave it with me at the Kanga Booth (Booth B107) while you wander around the hamfest before and/or after the forum. The booth will be easy to find - I will have at least one DK9SQ mast extended to full height.

Looking forward to meeting a lot of you there!

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Fri, 10 Nov 2000 16:02:17 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83736] Re: CW Speed (was RE: ** Score & Comments)
Message-ID: <Pine.LNX.4.10.10011101554020.1396-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You should both listen at 0200-0400 around 7143 KHz monday and wednesday to the slow Hound-Fox pile-up at around 10 wpm. This is the Cub Fox Hunt and Doc K0EVZ and I pushed it into being with a web page and some excellent Fox's.

The purpose is to give the 5 wpm new ham a place where he can hear what's happening and stand a chance of a poor copy. It's getting better as we all learn more of what we are doing.

So there are things being done to help the new 5 wpm Extra Class Hams enjoy CW. Look at my web page at:

<http://www.qsl.net/k5di/fox/>

It shows that things are happening and your fear of death may be further off.

On Fri, 10 Nov 2000, Hare,Ed, W1RFI wrote:

> > New hams who only do 5 wpm to get a license will never get to
> > contest speeds, I can barely do it myself. The insistence that
> > CW contesting be done at 40wpm and up is discouraging to new hams.
>
> I agree with the general principle expressed here. It is, IMHO, an
> extension of the more fundamental premise -- there is a big gap between 5
> wpm and the conversational or contest speeds used by most CW aficionados.
> How are we, as a primarily CW community, going to help foster the interests
> and development of the new hams who are learning and passing a 5 wpm test?
> Can we do so? When I got on the air as a Novice in 1963, at 4 wpm, I found
> plenty of people to talk to. Using the very natural process of getting on
> the air and having QSOs, I naturally progressed to 13 wpm and passed my
> General. Though I didn't upgrade from there my first time around, I
> progressed equally naturally to about 30 wpm.
>
> What about today? Where and how will that 5 wpm-tested ham who wants to
> give CW a whirl find the 5, 6, 8, 10, 13, 20 ++ wpm hams to naturally
> increase code speed? Us? Let's face it, if we are tuning the bands and
> hear a 4 wpm CQ, are we really going to answer it and give the guy or gal a
> contact? Some of us, some times, perhaps, but for the most part, that new
> ham will not get answers and will go back up the band where he or she can
> talk to other hams quite enjoyably on phone, or will stay on the lower part
> of the band and use one of those new fangled digital modes -- on my
> operating frequency, I am sure. :-)
>
> The only way most hams will have of getting from 5 wpm to 25 wpm is by code
> practice -- W1AW or computer. I gotta' tell ya', folks; had that been my
> only option in 1963, I would NOT have found it enjoyable and would have
> found ham radio to be a lot less exciting than the other things competing
> for my attention, even back then.
>
> In the SS, I stuck at about 18 wpm. I did get one call from a slower ham,
> and had to remind myself to slow down. I got a LOT of calls from faster
> hams. Maybe some know me and knew that 40 wpm is just fine, but many did
> not know my code capability, but called me QRQ anyway. If I was a 5 wpm ham,
> I would not even think of calling CQ. Heck, even at 15 wpm, I would be

> scared to death that some hotshot would embarrass the heck out of me.
>
> With the reality of restructuring, the real future of CW is in our hands
> ("our" being the experienced CW ops). If we don't take the time to foster
> the development of CW ops, 20 years from now we will have only those of us
> who are still alive, talking at 30+ wpm to each other, in between the phone
> and digital stations, bemoaning the loss of the good old days when hams were
> hams because they were tested for CW. It is a future that is entirely
> likely, unless we take the time to give the time to those of the new hams
> who will find out for themselves just what is so cool and fun about CW. So
> far, I am not encouraged -- I see little time being given, and little
> slow-speed CW activity. The two factors are feeding on each other, and my
> favorite mode, though always permitted to me, will indeed see fewer and
> fewer proponents.
>
> 73,
> Ed Hare, W1RFI
>
>
> 73,
> Ed Hare, W1RFI
> ARRL Laboratory Supervisor
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> FAX: 860-594-0259
> Internet: w1rfi@arrl.org
> ARRL Web: <http://www.arrl.org>
> ARRL Technical Information Service: <http://www.arrl.org/tis/>
>
>
>
> -----Original Message-----
> From: Roy [mailto:marion@montana.com]
> Sent: Friday, November 10, 2000 4:11 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: SS Score & Comments
>
>
> At 02:23 PM 11/10/00 -0600, Lawrence T. Owens wrote:
> >Gang,
> > I had the impression that there wasn't the activity this year as
> > in the
> >past. Any comments about that.
>
> The CW activity was down, and will go down year by year. New hams who only
> do 5 wpm to get a license will never get to contest speeds, I can barely do
> it myself. The insistence that CW contesting be done at 40wpm and up is

> discouraging to new hams. CW SS is my favorite contest, but I have never
> got a sweep, and work fewer sections every year. Some sections are already
> maned by only one OP, and the vicious pileups on him are no fun for most
> QRO ops, let alone a QRPer.. Thats if he works a frequency. This fantasy
> that some have that the Internet generation is going to get into an
> antiquated mode in any significant numbers is just that, a fantasy. Enjoy
> CW while you can, she's sinking fast. 73 Roy AB7CE
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 10 Nov 2000 17:19:52 -0600
From: "George, W5YR" <w5yr@att.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83737] Re: CW Speed (was RE: ** Score & Comments)
Message-ID: <3A0C8298.DDC5E5CE@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl, I agree with your premise and I applaud what you and Doc have done to make the Cub Hunts attractive and workable. I have participated in every one that I could and find it a welcome change of pace.

However, I would have to comment that based on the calls and speeds I hear during the Cub Hunts, there likely are few new 5-wpm hams in the pileup. I sense that the population there consists 99% of regular Fox hunters who are trying to make the event a success, have a little fun, and maybe try some new hunting tactics where the pressure and pileup is a little smaller.

This is not intended in any way to detract from the excellent idea you folks had and the very workable implementation you have put in place. I just feel that even 10 wpm is a tall hill to climb for a new ham who has just barely passed a 5-wpm exam of questionable merit.

See you in *all* the Hunts, Karl. You always have a good signal here in North Central Texas.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

"Karl F. Larsen" wrote:

>
> You should both listen at 0200-0400 around 7143 KHz monday and
> wednesday to the slow Hound-Fox pile-up at around 10 wpm. This is the Cub
> Fox Hunt and Doc K0EVZ and I pushed it into being with a web page and some
> excellent Fox's.
>
> The purpose is to give the 5 wpm new ham a place where he can hear
> what's happening and stand a chance of a poor copy. It's getting better as
> we all learn more of what we are doing.
>
> So there are things being done to help the new 5 wpm Extra Class
> Hams enjoy CW. Look at my web page at:
>
> <http://www.qsl.net/k5di/fox/>
>
> It shows that things are happening and your fear of death may be further
> off.

End of QRP-L Digest 2002

